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PRIN: PROGETTI DI RICERCA DI RILEVANTE INTERESSE NAZIONALE – Bando 2022 PNRR  
Prot. P2022RS84X

**PART A**

*1. Line of intervention*

Main line/Linea Principale

*2. Research project title*

Legal Strategies for Actions and Interactions in the Sustainable Blue Economy

*3. Duration of the project (months)*

24 months

*4. Strategic emerging Topics - 5. Related Cluster*

Strategic emerging topic: SUSTAINABILITY AND PROTECTION OF NATURAL RESOURCES

Cluster: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Sub Cluster:

6. Innovative governance models enabling sustainability are established in collaboration with international partners through enhanced use of new knowledge, tools, foresight, environmental observations as well as digital, modelling and forecasting capabilities.

*6. Main ERC field*

SH - Social Sciences and Humanities

*7. Other ERC field*

## 8. ERC subfields

1. SH2\_5 International relations, global and transnational governance
2. SH2\_4 Legal studies, constitutions, human rights, comparative law
3. SH2\_1 Political systems, governance

## 9. Keywords

n°	Testo inglese
1.	Law of the sea
2.	Blue economy
3.	Sustainability
4.	Marine living resources
5.	Marine mineral resources
6.	Renewable resources

## 10. Principal Investigator

<b>CARREA</b> (Surname)	<b>SIMONE</b> (Name)
<b>Ricercatore a t.d. - t.defin. (art. 24 c.3-b L. 240/10)</b> (Qualification)	
<b>31/07/1985</b> (Date of birth)	<b>CRRSMN85L31D969F</b> (Personal identification code)
<b>Università degli Studi di GENOVA</b> (Organization)	
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## Declarations

I declare that I have not participated as PI in PRIN 2022 call (n. 104 02/02/2022)

I declare that I have participated as associated PI in PRIN 2022 call (n. 104 02/02/2022)

Current funding and applications submitted



### Age limits derogation

The principal investigator and the substitute are both under 40 at the time of the publication of the call. They intend to benefit from the derogations to the age limits for the amount allocated to under 40 PI;

### 11. List of research units (RU)

n°	Associated Investigator	Qualification	University/ Research Institution	Registered office (address)	e-mail address
1.	CARREA Simone	Ricercatore a t.d. - t.defin. (art. 24 c.3-b L. 240/10)	Università degli Studi di GENOVA	Via Balbi, 5 - GENOVA (GE)	simone.carrea@giuri.unige.it
2.	SALVADEGO Laura	Professore Associato (L. 240/10)	Università degli Studi di MACERATA	Piaggia dell'Università', 11 - MACERATA (MC)	laura.salvadego@gmail.com
3.	PAPANICOLOPULU Iriani	Professore Associato (L. 240/10)	Università degli Studi di MILANO-BICOCCA	Piazza dell' Ateneo Nuovo, 1 - MILANO (MI)	irini.papanicolopulu@unimib.it
4.	MESSINA Michele	Professore Associato (L. 240/10)	Università degli Studi di MESSINA	P.zza S. Pugliatti, 1 - MESSINA (ME)	michele.messina@unime.it

### 12 - Substitute Principal Investigator (PI)\* (To be identified among one of the associated PIs participating in the project).

<b>SALVADEGO</b> (Surname)	<b>LAURA</b> (Name)
<b>Professore Associato (L. 240/10)</b> (Qualification)	
<b>31/10/1983</b> (Date of birth)	<b>SLVLR83R71G224H</b> (Personal identification code)
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### 13. Brief description of the proposal

The present research will be carried out by four Research Units based at the Universities of Genoa, Milano-Bicocca, Macerata and Messina. The project will investigate present and future legal strategies for ensuring the sustainable management of marine

resources. Premised on the innovative concept of Sustainable Blue Economy recently developed within the EU, which mandates consideration of both economic and environmental aspects, the research team will focus on the seas around Italy. Three research units (RUs) will delve in depth into the regulation, at the international, European, and national level, of key resources for Italy: (1) marine living resources (Milano Bicocca); (2) marine mineral resources (Macerata); (3) renewable energies (Genova). Based on the preliminary overview of the relevant state of the art, each RU will conduct a critical analysis of the existing normative framework and will develop proposals, both de lege lata and de lege ferenda for enhancing the normative framework that applies to each type of resource. The RUs will, in particular, identify the actions that should be taken both at the legislative and administrative level. The fourth RU (Messina) will complement the research working through a cross-sectorial perspective, analysing the interactions among the three focus area with a view to identifying the governance and management strategies best suitable to sustainably balance the (often conflicting) interests involved. The main objective of the research will be to identify legal strategies of actions and interactions with regard to the main areas entrusted to each RU, thus 1) highlighting the gaps and the limits of the present legal context (with regard both to the drafting of the relevant legislation and to its application by the competent actors) and 2) suggesting legal solutions aimed at addressing such shortcomings, with a view to achieving a sustainable blue economy which is actually respectful of the core values of sustainable development, from an economic, social and environmental perspective. The project will produce an edited volume, a conference involving scholars and stakeholders, a white paper, and dedicated workshops.

#### 14. Total cost of the research project identified by items

Associated Investigator	item A.1	item A.2	item B	item C	item D	item E	item F	Total
CARREA Simone	39.800	0	0	28.000	5.970	0	15.800	<b>89.570</b>
SALVADEGO Laura	34.087	0	6.700	8.000	5.113	580	15.700	<b>70.180</b>
PAPANICOLOPULU Irini	22.675	0	0	10.000	3.401	9.000	25.000	<b>70.076</b>
MESSINA Michele	26.580	0	0	0	3.987	0	39.500	<b>70.067</b>
<b>Total</b>	<b>123.142</b>	<b>0</b>	<b>6.700</b>	<b>46.000</b>	<b>18.471</b>	<b>9.580</b>	<b>96.000</b>	<b>299.893</b>

N.B. The Item D and TOTAL columns will be filled in automatically

- item A.1: enhancement of months/person of permanent and temporary employees
- item A.2: cost of contracts of non-employees, specifically to recruit
- item B: cost of equipment and tools
- item C: cost of consulting and other services
- item D: overhead
- item E: materials cost
- item F: other costs

## PART B

### B.1

#### 1. State of the art

Sustainable development of marine resources has become a priority for the international community. Since the adoption of the Fish Stocks Agreement in 1995, States have tried to develop legal mechanisms that would allow for the continuing exploitation of marine living resources, while at the same time guaranteeing their survival. Notwithstanding this commitment, over exploitation has been growing in the last decades, now totalling up more than 30% of the world fish species (FAO SOFIA 2022). Similarly, States have tried to develop an offshore oil&gas industry that would provide valuable energy, while ensuring protection of the marine environment and the safety of the people engaged in this field. The 2010 Deepwater Horizon incident, however, proved how illusory safety and environmental protection could be.

To address these challenges, the European Union has promoted the safe and sustainable use of marine resources. The creation of DG MARE, the adoption of ambitious strategies, including the Integrated Maritime Policy (IMP), and the development of legal instruments such as the Marine Strategy Framework Directive testify to the EU's involvement with maritime activities and the maritime environment. However, until very recently, EU policies and legal instruments seemed to focus more on "development", rather than "sustainable".

Within the Mediterranean, many rules and principles that purport to sustainably use marine resources struggled to be applied. This depended not only from the lack of willingness or means of coastal States, but also from an approach at maritime governance which

tried to avoid regulation by the coastal States. This approach was based on the argument that Mediterranean States should not lay claims to waters beyond their territorial sea and should not establish exclusive economic zones. Instead, most of the Mediterranean Sea should remain high seas, free for all to use. Some cooperative mechanisms were created in an effort to ensure protection of the marine environment (the Mediterranean Action Plan (MAP) and the Barcelona Convention and its Protocols) and a sound management of resources (the General Fisheries Commission for the Mediterranean (GFCM)). These mechanisms, however, have struggled to establish an appropriate legal framework, having very little power to regulate activities by States not parties on the high seas.

At the national level, finally, Italy has so far not created an exclusive economic zone and only recently established a contiguous zone for archaeological purposes only. Accordingly, Italy has focused only on the resources that can be found within the narrow limits of its territorial sea. In 2006 Italy passed legislation concerning the creation of "ecological protection zones" (Law of 8 February 2006, n.61). Until today, however, only one ecological protection zone has been created, in parts of the Tyrrhenian Sea.

The situation just described appears to be changing. Adopted in 2015, Sustainable Development Goal (SDG) 14 "Life below water" mandates States to "conserve and sustainably use the oceans, seas and marine resources for sustainable development". Last year marked the beginning of the UN Decade of Ocean Science for Sustainable Development (2021-2030). In 2021, the European Commission issued its Communication "on a new approach for a sustainable blue economy in the EU - Transforming the EU's Blue Economy for a Sustainable Future" (COM/2021/240 final). This communication marks the passage from the concept of "Blue Growth", based on economic development sometimes to the detriment of the environmental and social pillars of sustainable development, to a more mature approach that puts sustainability at the centre of maritime activities.

At the national level, Italy has recently announced its intention to create an Exclusive Economic Zone in the waters adjacent to its coasts through the adoption of Law no. 91 of 2021. As a matter of fact, the opportunities offered by the oceans in terms of economic growth and sustainable development, also considering the necessities imposed by climate change and the protection of the environment, have demonstrated the need to provide for a clear and certain normative framework. The creation of an EEZ is fundamental to exploit the opportunities offered by the seas. Considering the very pressing issue of energy security, the first aspect that comes to mind is the possibility to exploit the seas to supply energy. The institution of an EEZ provides for the tools necessary to efficiently manage and exploit the natural resources of the seas and its subsoil, namely oil and gas, while States focus on the transition to cleaner energy sources.

More recently, other very important steps testifying to this renewed central role of the oceans were the establishment of the new Ministry for seas policies and the creation of a new government committee, involving several ministries.

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## *2. Detailed description of the project: methodologies, objectives, and results that the project aims to achieve; indicate deliverables and milestones outlining the project coherence as to the strategic themes, indicating clear and innovative objectives, setting out the project sector relevance and its positioning with reference to the state of art, describing the role and contribution of each research unit*

Methodologies, objectives and results. The present research will be carried out by four Research Units based at the Universities of Genoa, Milano-Bicocca, Macerata and Messina. Starting from the analysis of the relevance of the sea both from the economic and environmental perspective (as recently recognized in the context of the Sustainable Blue Economy), the research project aims at focusing upon three main areas (one of each is assigned to one of the four Research Units), selected due to their particular importance for EU in general and Italy in particular: 1) marine living resources (Milano Bicocca); 2) marine mineral resources (Macerata); 3) renewable energies (Genova). With regard to the above-mentioned areas, each Research Unit (RU), on the basis of a preliminary overview of the relevant state of the art, will engage in a research aimed at devising the possible strategies for the maximization of the assigned area, through the identification of the actions that might be taken both at the legislative and administrative level. In this context, 4) Messina-based RU would be, instead, in charge of the analysis of the interactions between the above mentioned three main areas, with a view to identifying the governance and management strategies - also in this case both at the legislative and administrative level - best suitable to sustainably balance the (often conflicting) interests involved. On this premise, the main objective of the research would be to identify legal strategies of actions and interactions with regard to the main areas entrusted to each RU, thus 1) highlighting the gaps and the limits of the present legal context (with regard both to the drafting of the relevant legislation and to its application by the competent actors) and 2) suggesting legal solutions aimed at addressing such shortcomings, with a view to achieving a sustainable blue economy which is actually respectful of the core values of sustainable development, from an economic, social and environmental perspective.

Relevance and positioning with reference to the state of art. The present proposal would allow the creation within Italy of the first group of experts taking a holistic approach to the blue economy, aware of the multiple issues faced by the seas and oceans in the Anthropocene. Developing advanced knowledge of the multifaceted dimensions of sustainable ocean development, and with an experience of the related fields of knowledge, this expert group will elaborate innovative policy, regulatory and practical solutions to oceans issues, now and in the future. It is the goal of this research project to effectively contribute to the global discourse on sustainable blue economy, identifying the pressing issues, suggesting the most appropriate ways to respond to them, also through a careful evaluation of the relevant normative framework, ensuring that the activities and efforts relating to fisheries, energy production and environmental protection are dealt with comprehensively, always keeping in mind also the human dimension.

From an operational point of view the project will be articulated in the four milestones described in the attached Gantt Chart: 1) project development planning; 2) dialogue with the scientific community on the project topic, drafting and publishing a book; 3) drafting a White paper for the reform of the legislative framework and the governance tools for the sustainable management of marine resources; 4) disseminating project results.

The deliverables of the project will consist in a) meeting of research unit PIs on the evaluation of unit reports; b) the publication of a book collecting the written contributions of the speakers at the conference; c) drafting the White Paper for the reform of the legislative framework and the governance tools for the sustainable management of marine resources; d) meetings to disseminate the results of the project to civil society and to national institutions responsible for maritime affairs.

As far as the role and contribution of each RU, the Genoa-based RU will be in charge of “Blue growth through the sustainable production of energy at sea: applicable legal framework and room for improvement”. Indeed, the current times have shown to the world how vital an efficient energy policy is in Europe and in Italy. Indeed, as recently pointed out by the new Italian Prime Minister at the G20 Session held in Bali, the recent energy crisis can represent the opportunity to enhance a more sustainable development of this important field. The EU Commission is on the same page on this topic. As a matter of fact, the agenda of Ursula von Der Leyen is deeply committed to reach the goal of making Europe the first “Carbon neutral Continent” and the first example of this commitment is the so called “European Green Deal”. In order to be able to become a “carbon neutral country”, Italy has to make proper use of every resource available and, in this perspective, the sea plays by all means a very important role and should therefore be the focus of specifically dedicated strategies. Enhancement of marine renewable resources is crucial in this regard since such resources significantly contribute to the decarbonization process and, therefore, to the green transition which also falls among the actions connected to SDG 13 (Climate Action). However, marine renewable energies (MRE) are not a uniform category. Indeed, there are many different sources of renewable energy (offshore wind, waves, tides, ocean currents, thermal and salinity gradients of ocean waters), with different levels of technological development (technologies aimed at the exploitation of wind are far more developed than those dedicated to the exploitation of waves and tides) and with different impacts upon the marine environment. Also the areas where these resources can be produced vary according to each type (on the surface vs underwater; close to or far from the coast, etc.). MREs are also at a “crossroads” of different legal policy areas. For instance (among many examples that might be mentioned), their improvement creates a positive effect for the achievement of the decarbonization goals, but, at the same time, might determine a detrimental impact for the marine environment and/or for other competing uses of the marine spaces (tourism, fisheries, etc.), thus overlapping other actions relating to the use of the sea and therefore calling for the identification of proper strategies aimed at establishing virtuous interactions among the different policy areas (an issue which - in the context of the present proposal - will be the focus of the attention of the University of Messina Research Unit). The exploitation of MREs is, finally, interested also by different levels of legal sources. Indeed, the allocation of States’ jurisdiction over the spaces where such resources can be produced is determined by the International Law of the Sea (and, more specifically, by the rules codified by the UNCLOS Convention). How MREs are exploited in the different maritime areas, however, depends on the strategies that each State - within the limits of the relevant legal framework (including regional arrangements such as those stemming from the membership of the EU) - decides to pursue.

As a consequence, the development of such resources is not consistent with a one-fits-all approach but calls for a multifaceted strategy, which should be, in its turn, articulated in different (and carefully devised) streams of actions, taking especially into account: a) the type of renewable energy; and b) the relevant legal regime (international, regional - with specific regard to EU law as far as the position of Italy is concerned - and national). A realistic assessment of the feasible strategies for the enhancement of MREs also has to take into account the administrative procedures relating to the authorization of the installations that are necessary for their exploitation, since procedural and bureaucratic burdens might negatively affect the achievement of the effects of any legislative measure. In this regard, the main task of the Research Unit will be to adopt both qualitative and quantitative means for data collection and content analysis of current legal developments in this regard. Therefore, the Research Unit aims to discuss practices and contributions Italy has made concerning the topic of MREs, also implementing International and EU Law. Moreover, also a comparative approach can be useful in order to identify the best practices or the best models to be inspired by, also through the involvement of the relevant stakeholders in a participative debate. The expected impact of the abovementioned research activities will be to provide a series of recommendations for improving the current legal framework at the national, European and international level, with specific regard to the following targets: i) identifying the legal regime applicable to the exploitation of the different MREs in the different maritime areas; ii) identifying the interferences that the promotion of MREs is liable to determine upon other interests relevant for the use of maritime spaces (also with a view to supporting the research carried out by the RU based at the University of Messina); iii) removing or reducing the lack of coordination in legislation and procedures for an efficient exploitation of MREs; iv) developing strategies and policies aimed at maximising the promotion of MREs within the limits set by the relevant legal framework.

The Milano Bicocca-based RU will focus on “Sustainable use of marine living resources”. As a matter of fact, marine living resources, in particular fish species, were the first resource of the sea to be exploited by humans and remain to day one of the most important. Fisheries are paramount because of their economic importance (international trade of fisheries and aquaculture products generated around USD 151 billion in 2020), their ability to provide jobs (some 58.5 million people were employed in the primary sector in 2020), their role in providing food (consumption of aquatic foods has increased at an average annual rate of 3.0 percent since the 60s), and the nutritional value of fish (a source of protein and essential omega-3 fatty acids and bioavailable micronutrients). Fisheries can therefore support the achievement of Sustainable Development Goal (SDG) 2 (Zero hunger), SDG 3 (Good health and well-being), and SDG 12 (Responsible production and consumption). The international community, however, is struggling to manage this resource in a sustainable way. Overfishing and Illegal, Unreported and Unregulated (IUU) fishing have led to the constant decline of these resources. Today, overfished stocks total up for more than 30% of all stocks, notwithstanding numerous normative measures adopted at the global and regional level such as the adoption of the 1995 Agreement on Fish Stocks. For Italy, fisheries represent both a traditional, well-established, activity and a significant source of food. Nonetheless, the absence of an exclusive economic zone of Italy has long led to little normative effort concerning protection of living resources off the waters of Italy. The Milano-Bicocca RU will undertake a dual task. On one hand, it will collect, classify and analyse Italian legislation having an impact on the management of marine living resources, both within the territorial sea of Italy and on the high seas. The critical analysis of this legislation will result in an evaluation of the present normative framework vis-à-vis the obligations that international and European

law poses on Italy, highlighting gaps and inconsistencies and suggesting how law-making and judicial interpretation may contribute to align Italian legislation to international and European principles and rules. This analysis will be based on a comprehensive understanding of sustainable management, giving the same dignity and weight to the economic, the environmental and the social pillars of sustainable development. On the other hand, the research unit will conduct novel research on the implications that the creation of an exclusive economic zone will have for Italy from a normative and regulatory perspective. The research unit will thus identify the rights and duties deriving from the creation of this zone, will assess the extent to which existing Italian legislation provides in this respect, and will suggest the normative changes necessary to ensure the sustainable management of marine living resources within the future Italian exclusive economic zone.

The Macerata-based RU will deal with the “Sustainable use of marine mineral resources”. With the development of our societies and the gradual enhancement of science and information technology, marine science and technology have gradually strengthened, and the marine economy is playing an increasingly important role in the national economy of coastal States. Although it can promote the development of national economy, exploitation of marine mineral resources is an increasing environmental problem for marine ecosystems. The severe destruction of marine ecosystem will be a great challenge to the survival and development of human beings, the exploitation and utilization of marine resources have to be carried out reasonably to guarantee a favourable living environment for biodiversity. However, despite prioritization of this issue at a global level and although much research has been undertaken on the environmental consequences of mining activities, there is a lack of analysis evaluating the need for an improved legal framework for this type of exploitation. It now seems necessary to provide a different approach for actions to protect the marine environment relating to the use of marine mineral resources. Indeed, the paradigm of reference of national policies has changed: in developing and utilizing marine resources, a State should adhere to the concept of marine ecological protection and establish a low-carbon model of marine development for improving the competitiveness of the national economy internationally. For these reasons, societal expectations are claiming higher standards for acceptance of mineral mining activities, particularly with regard to environmental protection and strengthening of the national economy. The use of marine mineral resources could represent an important and complex business also in Italy, nevertheless rather little legislation has been adopted on those areas at national level. While national legal framework has its source in some EU legal acts, such as the Marine Strategy Framework Directive, there is no international rules regulating the exploitation of marine mineral resources and the lack of clear and precise international law leads to unsustainable use of those resources. Thus, the protection of the marine environment necessitates new types of legal tools for the relevant areas, such as the recognition of new specific environmental crimes, the instauration of marine protected areas or the compulsory decommissioning of offshore oil and gas installations. In Italy, the establishment of the EEZ could be the opportunity to be seized to define this new legal framework and its administrative procedures. The main task of the Research Unit will be to adopt both qualitative and quantitative means for data collection and content analysis of current legal developments in this regard. Therefore, the Research Unit aims to discuss practices and contributions Italy has made concerning the protection of the marine environment on the basis of the ecosystem approach in the context of the exploitation of marine mineral resources and in relation to Italy's contribution to the work of the International Sea-Bed Authority. The focus then will turn to the analysis of Italian law regarding the exploitation of mineral resources in its continental shelf and areas beyond the 12-nautical miles, in order to respond to new environmental challenges. To this end, some lessons could be drawn from other State practices. An important step of this research will be the analysis of current situation concerning national marine disaster reduction capacity for mineral mining activities. An effective and innovative policy of exploitation and use of marine resources needs a comprehensive method to evaluate marine disaster risk and a national disaster risk reduction and management plan (including pre-disaster defense, disaster monitoring, warning, emergency response, post-disaster restoration, and reconstruction). In Italy, the current Prime Minister's Decree n. 66/2008 establishing the national platform for disaster risk reduction makes no clear reference to mining activities at sea. There is also little attention paid to this issue at the EU level, with the exception of the adoption of the Directive UE/30/2003 on safety of offshore oil and gas operations. States need to design suitable instruments to involve all the relevant stakeholders in a participative public debate as to how to best manage the sustainable development of maritime space. For this reason, the Research Unit aims to suggest an innovative national policy that embraces the development of a legal framework and encourage cooperation and knowledge sharing among different industrial sectors and between industry and research, improving the basic knowledge on the issue, to realise the sustainability of marine ecosystem as part of the Goal 14 of SDG (Conserve and sustainably use the oceans, seas and marine resources for sustainable development). The impact of all research activities will be to provide a series of recommendations for improving the current legal framework at the national and international level to: i) remove or reduce the lack of coordination in legislation and procedures for marine ecosystem-based management beyond the 12-nautical miles; ii) outline the current legal and policy framework for marine ecosystem-based management beyond the 12-nautical miles and compare it with that inside the 12-nautical miles; iii) identify requirements for effective marine ecosystem-based management of mineral mining activities beyond the 12-nautical miles; iv) identify some of the actual and potential constraints on the current system for marine ecosystem-based management of mineral activities beyond the 12-nautical miles; v) suggest possible strategies and policies to meet requirements for effective ecosystem-based management and to resolve perceived inconsistencies in marine ecosystem-based management inside and beyond the 12-nautical miles (e.g., environmental effects assessment; ecological risk assessment; setting and enforcement of environmental conditions; public consultation included in management procedures for mineral mining activities). Finally, the Messina-based RU will focus on the analysis of the interactions among the main areas assigned to the other RUs, with a view to identifying the governance and management strategies best suitable to sustainably balance the (often conflicting) interests involved. As a matter of fact, coastal States adopt a number of acts aimed at regulating different categories of activities carried out in the maritime zones over which they exercise sovereignty, sovereign rights or jurisdiction. Likewise, a legislative and regulatory function concerning maritime activities carried out by ships is exercised by the flag States of those ships. The exercise of such legislative and regulatory powers is provided for not only by general international law but also by important international treaties, starting with the United Nations Convention on the Law of the Sea (UNCLOS), which contains numerous provisions on this matter. Indeed, according to UNCLOS, on the one hand, the coastal State “may adopt laws and regulations”, for example, regarding the

innocent passage through its territorial sea (Art. 21, para. 1) or the management and conservation of living resources of its own exclusive economic zone (Art. 62). On the other hand, the flag State adopts, among other things, the measures necessary to safeguard safety at sea, to which its ships must comply (Art. 94, para. 3). In its dual role of coastal State and flag State, Italy exercises the aforementioned legislative and regulatory powers. Furthermore, especially within the Council, it contributes to the decision-making process of the European Union. Some of the laws and regulations thus adopted either by Italy or EU concern the Sustainable Blue Economy. The Messina-based RU intends to carry out a survey and a qualitative analysis of the laws, legislative and regulatory acts in force in the Italian legal system relating to the Sustainable Blue Economy, especially in the areas of fishing, marine mineral resources and marine energy production. With reference to the preliminary assessment of the legislation in force, account should be taken, on the one hand, of the overlapping of laws and regulations issued over the years directly by Italy and on whose adoption process a large number of institutional actors are involved; a number that, moreover, is still increasing, as shown by the recent establishment of a ministry “senza portafoglio” for policies for the south and for the sea. On the other hand, it will be necessary to take into consideration multiple acts of secondary legislation of the European Union adopted, – on the basis of the complex procedures required from time to time by the TFEU – by various EU institutions. For example, in the field of conservation of marine biological resources, for which the EU has exclusive competence, the acts are adopted with the ordinary legislative procedure. Furthermore, the Commission seeks scientific advice from a number of bodies, including the Scientific, Technical and Economic Committee for Fisheries (STECF) and the Commission’s Joint Research Center (JRC). In addition, the competent European institutions must consider the case-law of the EU judicial bodies, as well as the practice of specialized agencies such as the European Fisheries Control Agency (EFCA). As for a qualitative analysis, the RU will evaluate not only the clarity of the regulatory texts – a need for clarity which is evidently also felt by the economic and institutional operators of the Sustainable Blue Economy – but also significant substantial aspects. For example, the analysis will focus on: whether these laws and regulations comply with international law; whether the overlapping of the acts gives rise to antinomies and, if so, whether a solution can be found by applying the appropriate criteria for conflicts of norms or by way of interpretation; whether, also in light of the assessments made by the other research units, the laws and regulations in force provide for an outdated discipline, especially in consideration of technological and digital progress and the hoped-for energy transition; whether there are regulatory gaps in these laws and regulations. In the international law of the sea, this analysis of the Italian and EU quality of legislation assumes a further and not secondary relevance. Indeed, in some maritime zones, the International Tribunal for the Law of the Sea (ITLOS) has conferred international law effects to the laws and regulations adopted by the coastal State for the purpose of protecting the marine environment and living resources. According to ITLOS, the domestic legislative or regulatory acts applicable to the EEZ eventually become part of the “legal order for the seas and oceans: “One of the goals of the [UNCLOS], as stated in its preamble, is to establish “a legal order for the seas and oceans which . . . will promote” inter alia “the equitable and efficient utilization of their resources, the conservation of their living resources, and the study, protection and preservation of the marine environment”. Consequently, laws and regulations adopted by the coastal State in conformity with the provisions of the Convention for the purpose of conserving the living resources and protecting and preserving the marine environment within its exclusive economic zone, constitute part of the legal order for the seas and oceans established by the Convention and therefore must be complied with by other States Parties whose ships are engaged in fishing activities within that zone” (ITLOS, Request for Advisory Opinion submitted by the Sub-Regional Fisheries Commission, advisory opinion of 2 April 2015, para. 102)

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### *3. Detailed description of the project team and planning; indicating the research team components – PI and associated PIs - and their relative expertise/track record, gender equality of the composition, the interrelation and coherence of the team components. RUs- and the feasibility of the project, thus outlining the congruity between objectives, timing and costs*

Genoa-based RU.

Simone Carrea is researcher of International Law at the University of Genoa (qualified as Associate Professor, 2019), currently teaching International Law. Additionally, he recently taught “Legal Aspects of Hydrography” at a master’s course programme in “Marine Geomatics” and also took part in the organization of the 2022 summer school edition on “European Union and the Law of the Sea”. He is the author of a recent monographic book on the relevance of Non-State Actors in the law of the sea.

Lorenzo Schiano di Pepe is full professor of European Union Law at the University of Genoa, currently teaching “EU Law” and “International and European Law of the Sea”. He has been appointed Jean Monnet Chair for International and European Law of the Sea for the period 2017-2020. He has been co-ordinating a summer school on “European Union and the Law of the Sea” (formerly as a Jean Monnet Module) since 2015 (<http://eu-los.eu>). Additionally, he teaches “Legal Aspects of Hydrography” at a master’s course programme in “Marine Geomatics”. He is also on the scientific committee of the Institute for the Law of the Sea and International Marine Environmental Law (ISRIM), based in Bremen, Germany as well as of the Centre of the Sea of the University of Genoa (<https://mare.unige.it/>). He is a member of the Comité Maritime International’s International Working Group on “Offshore Activities”. He has authored or co-authored several monographs, book chapters, essays, articles, encyclopaedic entries and case notes in areas such as public international law, private international law, international and European environmental law, international and European transport law, European institutional law and law of the sea.

Paola Ivaldi is full Professor of International Law at the University of Genoa, Department of Law, where she teaches International Law and European Union Law. She is the author or co-author of several monographs, book chapters, essays, articles, encyclopaedic entries and case notes in areas such as transport and maritime law, conflict of laws, European Union law, international law of the sea, human rights and public international law. Speaker or chair at conferences and workshops in her fields of expertise. She was coordinator of the Doctoral Programme in Law of the University of Genoa and currently is member of the scientific board of



C.I.D.O.I.E. (Interuniversity Centre on the Law of International Economic Organizations) as well as member of the board of C.I.E.L.I. (Italian Centre of Excellency for Integrated Logistics).

Chiara Tuo is Full Professor of EU Law at the University of Genoa, where she teaches EU Law and Private International Law. She is member of the Governing Council of the Centro Italiano di Eccellenza sulla Logistica Integrata (CIELI). She is the author of a book devoted to EU air transport law and of two books regarding judicial cooperation in civil and commercial matters. She also wrote scientific articles and book chapters on some aspects of EU law and private international law, civil judicial cooperation, recognition of family status and human rights. She is member of the team of many European and national research projects. She is member of the Editorial board of the following Journals: "Il diritto marittimo", "Diritto del commercio internazionale", "Rivista di diritto internazionale privato e processuale" and "European Papers".

Matteo Bedendi and Guglielmo Bonacchi are Phd students in International Law.

Milano Bicocca-based RU.

Irina Papanicolopulu is Associate Professor of International Law at the University of Milano-Bicocca, where she teaches and conducts research on international law and the law of the sea. She is a Visiting professor at Catolica University (Lisbon, Portugal) and St Gallen University (Switzerland), where she teaches law of the sea courses. She has held the position of Senior Lecturer at the University of Glasgow (UK) and Marie Curie Fellow at the University of Oxford (UK). She is the author of two monographs, including "International Law and the Protection of People at Sea" (Oxford University Press 2018), the editor or co-editors of seven volumes, including the award-winning "Gender and the Law of the Sea" (Brill 2019), and the author of more than 70 articles and book chapters on topics of international law, law of the sea, environmental law, cultural heritage law, human rights law and international humanitarian law. She has contributed, among others, to the Oxford Handbook on the Law of the Sea, the Max Planck Encyclopaedia of International Law, and the International Maritime Boundaries series. Speaker in academic and research institutions around the world, as well as national and international organisations, including the United Nations and the International Tribunal for the Law of the Sea. She has a track-record of research grants and is currently the holder of the Jean Monnet module "European and International Human Rights at sea". Currently co-convenor of the Interest Group on the Law of the Sea of the European Society of International Law, member of the ITU/WMO/UNESCO IOC Joint Task Force to investigate the potential of using submarine telecommunications cables for ocean and climate monitoring and disaster warning, member of the Italian Ministry of Defence roster of experts for scientific and technological research. Legal advisor for intergovernmental organizations, the Italian Government, other States, private companies, and civil society organizations.

Giulia Losi is a PhD student in international law, currently pursuing a thesis on the exploitation of the resources of areas beyond national jurisdiction.

Macerata-based RU.

Laura Salvadego, Ph.D, is Associate Professor of International Law at the Department of Political Science, Communication and International Relations at the University of Macerata. She was visiting scholar in a number of international institutions, including the Max Planck Institute for Comparative Public Law and International Law (Heidelberg, 2010), the New York University School of Law - Centre for Research in Crime and Justice (New York, 2013), the Queen Mary University of London (London, 2015), the University "Lucian Blaga" of Sibiu (2017) and the University of Zagreb (2018). She is a Member of the Italian Society of International Law (SIDI) and of the European Society of International Law (ESIL). She is also member of the Interdepartmental Research Center on the Adriatic and the Mediterranean (CiRAM) of Macerata (<https://ciram.unimc.it>) and Expert in EuroMesco network ([www.euromesco.net](http://www.euromesco.net)). Her current research interests focus on the interplay between the Law of the Sea and International Human Rights Law, European Migration Law and International Criminal Law.

Andrea Caligiuri, Ph.D., is Associate Professor of International Law at the Department of Law, University of Macerata, currently teaching "International Law", "International Law of the Sea", "International Criminal Law" and "International Sports Law". He is Director of the Interdepartmental Research Center on the Adriatic and the Mediterranean (CiRAM) since 2019 (<https://ciram.unimc.it>). His research spans a number of International Law fields, with a specific focus on Law of the Sea, International Criminal Law and International Human Rights Law. He is the author of several articles on issues of international law and European Union law and of the following books: *L'obbligo aut dedere aut judicare nel diritto internazionale* (Giuffrè 2012) and *L'arbitrato nella Convenzione delle Nazioni Unite sul diritto del mare* (Editoriale Scientifica 2018). He is member of the Italian Society of International Law (SIDI) and its Group of Interest on the Law of the Sea. He is member of the Board and Treasury of the Association Internationale du Droit de la Mer ([www.assidmer.net](http://www.assidmer.net)) and Expert in EuroMesco network ([www.euromesco.net](http://www.euromesco.net)).

Carmen Viale, Ph.D, is Researcher of Administrative Law at University of Macerata, Department of Education, Cultural heritage and tourism where she teaches "Administrative Law" and "Cultural Heritage and Tourism Law". She is member of the Interdepartmental Research Center on the Adriatic and the Mediterranean (CiRAM) of Macerata (<https://ciram.unimc.it>) and Expert in EuroMesco network ([www.euromesco.net](http://www.euromesco.net)). She has authored essays, articles and case notes in areas such as cultural heritage, administrative law and local governance.

Elena Ardito is Phd student in International Law, University of Macerata.

Messina-based RU.

Michele Messina is Associate Professor of EU Law at the University of Messina, where he teaches EU Internal Market Law and EU Law and Digitalization. He coordinates the Course in Political Sciences and International Relations. He is Module Leader of the Jean Monnet Module EU CREW. He was Course Director and Deputy Head of Section at the Academy of European Law in Trier. He was an Intern at the DG Competition of the European Commission. He was also Visiting Professor/Researcher at the Université Paris-Est

Créteil, the Leiden Law School, the Columbia University, the School of Law of King's College London, and the British Institute of International and Comparative Law (BIICL). He is Non-Governmental Advisor (NGA) of DG Competition of the European Commission at the International Competition Network. He has been speaker in several conferences and workshops at national and international levels and he is author of about 80 publications.

Francesca Perrini is Associate Professor of International Law at the University of Messina, where she teaches Public International Law, International Organizations and Human Rights and International Economic Law. She has been Member of several Research Programmes Teams at National and International level. She has been Visiting Professor at the University of Jaén in Spain. She has been speaker in many conferences and she is author of several publications.

Anna Pitrone is Associate Professor of EU Law at the University of Messina, where she teaches EU Institutional Law and EU Migration Law. She is Academic Coordinator of the European Documentation Centre. She has been organising many conferences and seminars in different topics concerning the EU integration process and she has been speaker in conferences and workshops at national and international levels; she is author of several publications. She was Visiting Professor at the University of Jaen (Spain). She is a member of the Scientific Committee of the Ph.D. in "Political Sciences" at University of Messina.

Alberto Marchese is senior researcher (qual. as Associate Professor 2018) of Private Law at the University of Messina, where he teaches private Law and New Technologies. He is Vice-Coordinator of the Course in Law and New Technologies. Its main research activities are developed in the following sectors: civil, corporate and contract and IT law. Organizer of scientific conferences and Curator for reclamation works on the discipline of the (seized and) confiscated goods. Analysis of national and international legislation in the medical field. Preparation of guidelines for scientific societies. Expert in Medical Responsibility and Malpractice. Coordinator of the Iatrogenic Disease Research Group and Health Responsibility. From 2016 to 2018 he was also Legal Consultant of the Antimafia Parliamentary Committee. He has been speaker in several conferences and workshops at national and international levels and he is author of about 40 publications.

Mary Ellen Toffle is Senior Researcher of English Language at the University of Messina.

With regard to gender equality, the composition of the research groups is perfectly balanced (two female and two male PIs). The realization of the present project would represent an opportunity for a further strengthening of the interrelation between the team components who are already linked by the common membership in the Group of Interest concerning the Law of the Sea (<https://sidigimare.wordpress.com/>), created within the Italian Society of International and European Union Law. In the context of the activities of such Group, they recently organized a conference on the subject "Italia e diritto del mare" (<https://sidigimare.files.wordpress.com/2022/04/programma-definitivo.pdf>), where academic, practitioners and public officials involved in the application of the law of the sea were invited as speakers. The cohesiveness of the team (and the success of their previous and recent endeavours) represents indeed the first assurance as to the feasibility of the project. Finally, with specific regard to the congruity between objectives, timing and costs, the different expertise of the members of the research teams is consistent with the objectives of the project and the timing foreseen for their achievement. The costs - which are detailed in other parts of the present proposal - are consistent with the workload required to carry out the purported research as well as with the planned activities, which are needed with a view to collecting important inputs for the development of the research (reference is made here to the organization of the conference aimed at stimulating debate in the scientific community) and for the dissemination of its results (namely the publication of the book as well as of the White Paper).

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#### *4. Detailed description of the Project impact, as such; indicating knowledge improvements, technological innovation and/or industrial applications, scientific community reinforcement, level of research internationalization, dissemination and exploitation of the results*

The Research Units intend to advise and proactively encourage Italian, European and International institutional actors involved in the processes of designing, adopting, implementing and monitoring laws and regulations concerning the sustainable blue economy. In a first step, this will require that the scientific researches conducted by the investigators be thoroughly discussed within the relevant scientific community. The preliminary publication and presentation, within a conference of international experts, of a scientific book has a twofold purpose. On the one hand, it aims at disseminating: a) the academic reflections of the Research Units on legal issues that are not always studied in depth; and b) the assessments by the same Research Units on recent developments in domestic and international practice and case law concerning the sustainable blue economy. On the other hand, it is aimed at the goal of "scientific community reinforcement": the dialogue with other scholars can improve and strengthen the necessary theoretical premises on which to base the legal strategies for actions and interactions intended to be envisaged on the operational level. At a later stage of the Project, the Research Units will jointly prepare a White Paper for the reform of the legislative framework and the governance tools for sustainable management of marine resources.

The research units are aware that the impact of the White Paper will be higher if the legal solutions suggested therein (a) take into account the accurate qualitative assessment of the relevant existing law and regulations conducted by the Messina-based RU and, at the same time, (b) arise from the in-depth substantive investigations carried out by the Genoa, Macerata and Milano Bicocca-based RUs on the relevant developments of international law of the sea, on the EU legal profiles of the sustainable blue economy in the sectors of energy, marine living resources and marine mineral resources and - considering their interactions with the sustainable blue economy - on the regulation of technological and digital innovations.

Thus, in the White Paper, proposals will be formulated which, by way of example, may concern:

- Possible new amendments to the Italian Law 613 of 1967 on the Continental Shelf to fill the gaps with respect to, among other things, the transition to renewable energy sources and the regulation of submarine cables for the transmission of digital information.

The suggested amendments will also be aimed at regulating increasing investments in strategic economic activities. They will take into due account the Sustainable Blue Economy Finance Principles launched in 2018 and developed by various institutions including the European Commission, The European Investment Bank and the United Nations Environment Programme.

- Draft articles of a future EEZ regulation implementing Italian Law No. 91 of 2021. These should be draft articles also aimed at envisaging and delineating the activities of the sustainable blue economy in the EEZ over which Italy could exercise its jurisdiction. Consequently, they should be aimed at preventing possible application problems arising from a literal and restrictive interpretation of Article 2 of Law No. 91 of 2021. Indeed, the wording of this provision does not correspond to Article 56 UNCLOS, which confers on the coastal state in the EEZ both sovereign rights and jurisdiction over scientific research, environmental protection and artificial islands and installations. However, art. 2 of the 2021 law is limited to providing that Italy will enjoy sovereign rights in the EEZ. The draft articles should also be based on: the UN Sustainable Development Goal 14 “Life below water”; customary and conventional international law concerning the protection of the marine ecosystem; the communication of the European Commission of 2021 “on a new approach for a sustainable blue economy in the EU”; the coastal and maritime spatial planning approaches.

- A truly informed and proactive role for Italy in the periodic adoption of EU regulations on the Common Fisheries Policy so that these acts are increasingly instrumental in the implementation of a sustainable use of marine natural resources, especially in the Mediterranean. Furthermore, the relevant EU regulations should provide for effective and innovative measures to combat Illegal, Unreported and Unregulated (IUU) fishing.

- A truly informed and proactive role for Italy in the completion of the Mining Code by the International Seabed Authority (ISA). Having adopted three sets of exploratory regulations, the ISA is currently preparing regulations and guidelines concerning the exploitation of the international seabed area, which is part of the common mankind heritage. Exploitation regulations will aim to balance economic needs with strict environmental protection. They will have to be complied with by public and private operators, planning to conclude international contracts with ISA to undertake exploitation activities in the international seabed area.

- The possible establishment of a “control room”, involving and coordinating the numerous Italian institutional actors and private operators of the Sustainable Blue Economy. In the framework of such “control room” effective and diversified legal strategies should be periodically discussed with a logic of anticipation of future challenges related, for instance, to climate change or sea-level rising. Once the White Paper has been completed, the Research Units will undertake to disseminate and deliver it to civil society, economic actors and national and European institutions responsible for the governance of marine affairs.

Through the proposed publications of a scientific book and a White Paper, the Research Units intend to make an impactful contribution in terms of actions and interactions in the Sustainable Blue Economy. They are guided by the conviction that through optimal legal strategies, constantly updated with an innovative approach, it is possible to accelerate the process towards a sustainable blue economy considered beneficial for both current and future generations.

## 5. Financial aspects: costs of each research unit

n°		Funds of the Ministry of University and Research (euro)
1.	CARREA Simone	89.570
2.	SALVADEGO Laura	70.180
3.	PAPANICOLOPULU Irini	70.076
4.	MESSINA Michele	70.067
		<b>299.893</b>

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Report from the Commission to the European Parliament and the Council outlining the progress made in implementing Directive 2014/89/EU establishing a framework for maritime spatial planning (COM/2022/185 final of 3 May 2022)

Communication from the Commission to the European Parliament, the European Economic and Social Committee and the Committee of the Regions on a new approach for a sustainable blue economy in the EU. Transforming the EU's Blue Economy for a Sustainable Future, COM(2021) 240 final of 17 May 2021

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## 7. Time schedule of the research activities (GANTT CHART)

### Milestone 1 Project Development Planning

ACTIVITY	ASSIGNED TO	I year						II year						
		BIM. 1	BIM. 2	BIM. 3	BIM. 4	BIM. 5	BIM. 6	BIM. 1	BIM. 2	BIM. 3	BIM. 4	BIM. 5	BIM. 6	
Meeting of research unit PIs to set up state-of-the-art analysis and methodological criteria	CARREA S SALVADEGO L PAPANICOLOPULU I MESSINA M	X												
Review of the state of the art	CARREA S													

related to the topic of the research unit and submission of a preliminary report		X	X	X									
Review of the state of the art related to the topic of the research unit and submission of a preliminary report	SALVADEGO L	X	X	X									
Review of the state of the art related to the topic of the research unit and submission of a preliminary report	PAPANICOLOPULU I	X	X	X									
Review of the state of the art related to the topic of the research unit and submission of a preliminary report	MESSINA M	X	X	X									
Meeting of research unit PIs on the evaluation of unit reports	CARREA S SALVADEGO L PAPANICOLOPULU I MESSINA M			X									

*Milestone 2 Dialogue with the scientific community on the project topic, drafting and publishing a book*

ACTIVITY	ASSIGNED TO	I year						II year					
		BIM. 1	BIM. 2	BIM. 3	BIM. 4	BIM. 5	BIM. 6	BIM. 1	BIM. 2	BIM. 3	BIM. 4	BIM. 5	BIM. 6
Call for papers for the Conference	CARREA S SALVADEGO L PAPANICOLOPULU I MESSINA M				X								
	CARREA S												

Conference Organisation	SALVADEGO L PAPANICOLOPULU I MESSINA M						X						
Conference	CARREA S SALVADEGO L PAPANICOLOPULU I MESSINA M							X					
Drafting of written contributions by speakers at the Conference and research team members	CARREA S SALVADEGO L PAPANICOLOPULU I MESSINA M								X	X			
Final publication (book)	CARREA S SALVADEGO L PAPANICOLOPULU I MESSINA M										X		

*Milestone 3 Drafting the White Paper for the reform of the legislative framework and the governance tools for the sustainable management of marine resources*

ACTIVITY	ASSIGNED TO	I year						II year						
		BIM. 1	BIM. 2	BIM. 3	BIM. 4	BIM. 5	BIM. 6	BIM. 1	BIM. 2	BIM. 3	BIM. 4	BIM. 5	BIM. 6	
Meeting of Research unit PIs to define the tasks of the research units and to indicate the methodological criteria for the White Paper	CARREA S SALVADEGO L PAPANICOLOPULU I MESSINA M										X			
Meetings with qualified stakeholders from the relevant sector	CARREA S											X		
Meetings with qualified stakeholders from the relevant sector	SALVADEGO L											X		

Meetings with qualified stakeholders from the relevant sector	PAPANICOLOPULU I											X		
Meetings with qualified stakeholders from the relevant sector	MESSINA M											X		
Drafting the White Paper	CARREA S SALVADEGO L PAPANICOLOPULU I MESSINA M												X	

#### Milestone 4 Disseminating project results

ACTIVITY	ASSIGNED TO	I year						II year						
		BIM. 1	BIM. 2	BIM. 3	BIM. 4	BIM. 5	BIM. 6	BIM. 1	BIM. 2	BIM. 3	BIM. 4	BIM. 5	BIM. 6	
Meeting to present the results of the project to civil society	CARREA S SALVADEGO L PAPANICOLOPULU I MESSINA M													X
Meeting to present the results of the project to national institutions responsible for maritime affairs	CARREA S SALVADEGO L PAPANICOLOPULU I MESSINA M													X

#### 8. Time schedule of the expenses

n°	Research Units	Expenses	I year						II year					
			BIM. 1	BIM. 2	BIM. 3	BIM. 4	BIM. 5	BIM. 6	BIM. 1	BIM. 2	BIM. 3	BIM. 4	BIM. 5	BIM. 6
1.	CARREA Simone	item A1	X	X	X	X	X	X	X	X	X	X	X	X
2.	CARREA Simone	item A2												

3.	CARREA Simone	item B													
4.	CARREA Simone	item C				X	X	X	X	X	X	X			
5.	CARREA Simone	item D	X	X	X	X	X	X	X	X	X	X	X	X	X
6.	CARREA Simone	item E													
7.	CARREA Simone	item F	X		X			X			X	X			X
8.	MESSINA Michele	item A1	X	X	X	X	X	X	X	X	X	X	X	X	X
9.	MESSINA Michele	item A2													
10.	MESSINA Michele	item B													
11.	MESSINA Michele	item C													
12.	MESSINA Michele	item D	X	X	X	X	X	X	X	X	X	X	X	X	X
13.	MESSINA Michele	item E													
14.	MESSINA Michele	item F	X		X			X			X	X			X
15.	PAPANICOLOPULU Irini	item A1	X	X	X	X	X	X	X	X	X	X	X	X	X
16.	PAPANICOLOPULU Irini	item A2													
17.	PAPANICOLOPULU Irini	item B													
18.	PAPANICOLOPULU Irini	item C			X	X									
19.	PAPANICOLOPULU Irini	item D	X	X	X	X	X	X	X	X	X	X	X	X	X
20.	PAPANICOLOPULU Irini	item E						X							X
21.	PAPANICOLOPULU Irini	item F	X		X			X			X	X			X
22.	SALVADEGO Laura	item A1	X	X	X	X	X	X	X	X	X	X	X	X	X
23.	SALVADEGO Laura	item A2													
24.	SALVADEGO Laura	item B	X	X	X										
25.	SALVADEGO Laura	item C			X	X									X
26.	SALVADEGO Laura	item D	X	X	X	X	X	X	X	X	X	X	X	X	X
27.	SALVADEGO Laura	item E						X							X
28.	SALVADEGO Laura	item F	X		X			X			X	X			X

## B.2



## 1. Scientific Curriculum of the Principal Investigator

- Researcher unique identifier: ORCID Id	0000-0003-4738-3064
- URL for web site:	<a href="https://rubrica.unige.it/personale/V0tCWlxp">https://rubrica.unige.it/personale/V0tCWlxp</a>
Academic age (years from the beginning of scientific activity, i.e. years from first publication or from the beginning of PhD or Medical Specialisation School)	12
Previous positions	Phd student in International Law at the University of Genoa (years 2010-2012) Research fellow (assegnista di ricerca) in International Law at the Department of Law of the University of Genova (years 2014-2020)
Prizes and awards	none
Visiting academic positions	Guest researcher at the Max Plank Institute for International and Private Law in Hamburg (July-September 2011 and June 2012)
Teaching activities and PhD supervision	Teaching of "Diritto internazionale" in the Bachelor Degree Course of Legal Services in business and public administration at the University of Genoa: years 2014/2015; 2015/2016; 2016/2017; 2017/2018; 2018/2019; 2019/2020; 2020/2021; 2021/2022; 2022/2023. Teaching of "International Law" in the Master Degree in Law: 2021/2022; 2022/2023. Teaching of Private International Law at the School for legal professions at the University of Genoa: years 2014/2015; 2015/2016. Lessons at the Summer School - The Law of the Sea and EU Law (EULOS): 2015, 2022 editions. Lessons in the Programme in European Private Law for Postgraduates (PEPP): 2016, 2018, 2020 editions. Teaching of "Diritto internazionale" at the Naval Academy (Livorno): 2018/2019. Teaching of "Legal issues of cyberspace in the international and European dimension" in the PhD Course in Law at the University of Teaching of "Legal Aspects of Hydrography" at a master's course programme in "Marine Geomatics" (2022)
Other work experience (e.g. consultancy if any)	2017: Member of the Scientific and Technical Committee designated by Regione Liguria for the project of trans frontier cooperation islands GEECCTT-ÎLES.
- Administrative role and position responsibility	Since May 2022: member of the Faculty Board of the PhD Course in Law (International Law and Company Law) at the University of Genoa.
- Scientific organisations/Coordination of academic activities	none
Editorial activity	Since 2019: member of the Editorial Board of the "Rivista Giuridica dell'Ambiente" ISSN 0394-2287 Since 2021: member of the editorial Board of the "Annuario del Contratto".
Membership of scientific societies	Member of the Italian Society of International and European Union Law.
Funding (current and past)	

Anno	Project title	Person months	Funding organisation
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Significant career breaks	none
- H-Index (in Scopus):	n.a.
- Total number of publications in peer-reviewed journals	12
- Total IF	n.a.
- n. and total IF of publications where the candidate is first author or equivalent (for the disciplines where the position in the list of authors correspond to the role in the work presented)	n.a.
- N. and total IF of the publications where the candidate is last or corresponding author (for the disciplines where the position in the list of authors correspond to the role in the work presented)	n.a.

## 2. Scientific Curriculum of the associated PIs

### 1. SALVADEGO Laura

- Researcher unique identifier: ORCID Id	0000-0002-8814-7466
- URL for web site:	<a href="https://docenti.unimc.it/laura.salvadego">https://docenti.unimc.it/laura.salvadego</a>
Academic age (years from the beginning of scientific activity, i.e. years from first publication or from the beginning of PhD or Medical Specialisation School)	12
Previous positions	2009-2012: Ph.D. in International Law (with scholarship), University of Padua – “Il ruolo della necessità nel diritto internazionale umanitario” (“The Role of Necessity in International Humanitarian Law”); 2012-2016: Research Fellow in International Law, Law Department, University of Ferrara; since 2016: Researcher (RTD B), Department of Political Science, Communication and International Relations, University of Macerata.
Prizes and awards	2013: Prize “young scholar”, University of Ferrara (Mobility scholarship); 2015: Prize “young scholar”, University of Ferrara (Mobility scholarship); 2017: Prize “FFABR” of 3.000 euros for research activity.
	2009 (summer): Hague Academy of International Law, Public International Law session, The Hague 2010 (spring): Visiting Ph.D, Max Planck Institute for Comparative Public Law and International Law, Heidelberg

<p>Visiting academic positions</p>	<p>2010: Fellow of the "Otto Hahn" research group, Max Planck Institute for Comparative Public Law and International Law, Heidelberg                  2013 (summer): Research fellow at the Centre for Research in Crime and Justice - NYU School of Law, New York City                  2015 (summer): Visiting Scholar, Criminal Justice Centre, Queen Mary University of London                  2016: Mobility scholarship, Erasmus + Programme, University of Macerata                  2017: Mobility scholarship, Erasmus + Programme, University of Macerata                  2017 (spring): Visiting Researcher and Lecturer at the University "Lucian Blaga" of Sibiu                  2018: Mobility scholarship, Erasmus plus Programme, University of Macerata                  2018 (spring): Visiting Researcher and Lecturer at the University of Zagreb</p>
<p>Teaching activities and PhD supervision</p>	<p>since 2016: Lecturer in International Human Rights Law (in English), Department of Political Science, Communication and International Relations, University of Macerata;                  2017-2020: Lecturer in European Union Law, Department of Political Science, Communication and International Relations, University of Macerata;                  since 2018: Lecturer at the Ph.D School, International Law, University of Padua;                  since 2019: Member of the Board of the Ph.D Program in "Global Studies. Justice, Rights, Politics", University of Macerata                  2019-2022: PhD supervisor of dr. Giovanna Lauria with a thesis on "The international protection regime in the age of climate change"                  since 2021: Lecturer in International Law, Department of Political Science, Communication and International Relations, University of Macerata</p>
<p>Other work experience (e.g. consultancy if any)</p>	<p>2007-2009: Intern at the legal firm Milan, Padua;                  2008 (spring/summer): Leonardo Programme, Intern at the legal firm Kocks &amp; Partners, Bruxelles;                  since 2010: Member of the Italian Bar;                  2012: Intern at the International Criminal Tribunal for the former Yugoslavia - legal assistant of Judge Flavia Lattanzi, The Hague;                  since 2017: Scientific expert at the Ce.St.Int. "Center for studies and services on foreign law and international relations", Law Department, University of Ferrara;                  since 2018: Independent scientific expert (REPRISE), Ministry of Education, University and Research (MIUR)</p>
<p>- Administrative role and position responsibility</p>	<p>Since 2018: Delegate of international ranking, Department of Political Science, Communication and International Relations, University of Macerata                  Since 2019: Delegate of international relations, Department of Political Science, Communication and International Relations, University of Macerata                  Since 2019: Member of the Research Committee, Department of Political Science, Communication and International Relations, University of Macerata                  since 2022: Delegate of Erasmus, Traineeship and Placement, Department of Political Science, Communication and International Relations, University of Macerata</p>
<p>- Scientific organisations/Coordination of academic activities</p>	<p>since 2018: Coordinator of the interdisciplinary research Centre on migratory phenomena (IMAGO), Department of Political Science, Communication and International Relations, University of Macerata;                  2018-2019: co-coordinator of the interdisciplinary research group "The external dimension: The relations with third countries and the externalization of borders" of the Academy of Law and Migrations (ADIM), Tuscia University</p>
<p>Editorial activity</p>	<p>peer reviewer for Rivista di diritto internazionale and SIDI Blog</p>
<p>Membership of scientific societies</p>	<p>since 2010: Member of the Italian Society of International Law; interest groups: International Law and armed conflicts; International and European Law of migrations and asylum                  since 2016: Member of the European Society of International Law; interest groups: International Human Rights Law; Migration and Refugee Law</p>

Anno	Project title	Person months	Funding organisation
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Funding (current and past)

Reacting to mass

	2019	violence: Acknowledgment, denial, narrative, redress	3	MIUR - PRIN 2017
Significant career breaks	8 July 2020 – 8 December 2020: first maternity leave 11 June 2022 – 11 November 2022: second maternity leave			
- H-Index (in Scopus):	n.a.			
- Total number of publications in peer-reviewed journals	13			
- Total IF	n.a.			
- n. and total IF of publications where the candidate is first author or equivalent (for the disciplines where the position in the list of authors correspond to the role in the work presented)	n.a.			
- N. and total IF of the publications where the candidate is last or corresponding author (for the disciplines where the position in the list of authors correspond to the role in the work presented)	n.a.			

## 2. PAPANICOLOPULU Irimi

- Researcher unique identifier: ORCID Id	0000-0003-2612-2404			
- URL for web site:	<a href="https://www.unimib.it/irini-papanicolopulu">https://www.unimib.it/irini-papanicolopulu</a>			
Academic age (years from the beginning of scientific activity, i.e. years from first publication or from the beginning of PhD or Medical Specialisation School)	21			
Previous positions	Senior Lecturer, University of Glasgow, School of Law, (Glasgow, UK), 2012-2015 Marie Curie Fellow, University of Oxford, Faculty of Law (Oxford, UK), 2010-2012 Senior Researcher (Ricercatore), University of Milano-Bicocca (Milano, Italy), 2005-2010			
Prizes and awards	British Academy Global Professorship (2023-2026) Scholarship Prize, American Society of International Law Women in International Law Interest Group (2021) Habilitation to Full Professor (2018)			

Visiting academic positions	<p>Visiting Professor, St Gallen University (St. Gallen, Switzerland) (since 2020)</p> <p>Visiting Professor, Catolica University Lisbon (Lisbon, Portugal) (since 2015)</p> <p>External Examiner, University of Malta (since 2017)</p> <p>Fully-Funded Visiting Fellowship, Max Planck Institute for Comparative Public Law and International Law (2019)</p> <p>External Examiner, University of Malta (2014-2017)</p> <p>External Examiner, Glasgow Caledonian University (UK) (2013-2018)</p> <p>Visiting Fellowship, Max Planck Institute for Comparative and International Private Law (2012)</p>
Teaching activities and PhD supervision	<p>Successfully led to completion 7 PhD students at the University of Milano-Bicocca, the University of Glasgow, and Catolica University of Lisbon. Currently supervising 3 PhD students.</p> <p>Responsible for the courses of International Law, International Organisations, International Humanitarian Law, Refugee Law, Elements of International Law, Human Rights at Sea at the University of Milano-Bicocca (Milan, Italy). Responsible for the course of Law of the Sea at the Academy of the Guardia di Finanza (Bergamo, Italy). Responsible for the course of Law of the Sea at Catolica University (Lisbon, Portugal). Responsible for the Law of the Sea course at St Gallen University (Switzerland).</p>
Other work experience (e.g. consultancy if any)	<p>Legal Advisor to the United Nations Environment Programme - Mediterranean Action Plan secretariat, the Italian Ministry of Foreign Affairs, the Italian Ministry of the Environment, the ACCOBAMS Secretariat, other governments, international organisations and private actors on issues of maritime delimitation, protection of the marine environment, protection of human rights at sea including rescue operations and mixed migration by sea, exploitation of marine resources, institutional cooperation and oceans governance.</p> <p>Mentor, Mentoring programme of the American Society of International Law Women in International Law Interest Group</p> <p>Member, Italian Ministry of Defence roster of experts for scientific and technological research</p>
- Administrative role and position responsibility	<p>Member of the Doctoral School of the University of Milano-Bicocca.</p>
- Scientific organisations/Coordination of academic activities	<p>Organization of numerous conferences, workshops and seminars, including the following:</p> <p>The Concept of Obligation in International Law, Milan, University of Milano-Bicocca, 23-24 May 2022, sponsored by the European Society of International Law</p> <p>Italia e diritto del mare, Milan, University of Milano-Bicocca, 29 April 2022</p> <p>The Human Element in Maritime Activities, Milan, University of Milano-Bicocca, 27 November 2019</p> <p>Women and war: IHL and international criminal law responses, Milan, University of Milano-Bicocca (co-organised with International Law Association, Italian Branch), 27 April 2018</p> <p>Exploring the human element of the oceans: the gender implications of the law of the sea, Milan, University of Milano-Bicocca, 25-26 May 2017</p> <p>Safety and Security Issues with Respect to Resources Exploitation in Areas Beyond National Jurisdiction, Royal Flemish Academy for Sciences and Arts (Bruxelles, Belgium), 2 April 2014</p> <p>Safety and security aspects of economic activities at sea, University of Glasgow (UK), 12 March 2013</p> <p>Governing Forced Migration by Sea: A Legal Perspective, Oxford, All Souls College, 18 November 2011</p> <p>Incontro di studio tra giovani cultori delle materie internazionalistiche. V edizione, Milan, University of Milano-Bicocca, 18-19 September 2007</p>
Editorial activity	<p>Associate Editor, Brill Research Perspectives in the Law of the Sea</p> <p>Member, Editorial Board, Questions of International Law</p> <p>Member, Editorial Board, SIDIBlog - The blog of the Italian Society of International Law (until 2019)</p>
Membership of scientific societies	<p>Convenor, Interest Group on the Law of the Sea of the European Society of International Law</p> <p>Coordinator, Interest Group on the Law of the Sea of the Italian Society of International Law (until 2021)</p> <p>Member: American Society of International Law; European Society of International Law; International Law Association - Hellenic Branch; International Society for Military Law and the Law of War; Italian Society of International Law; Law and Society Association</p>

	Anno	Project title	Person months	Funding organisation
Funding (current and past)	2021	Jean Monnet Module (ERASMUS-JMO-2021-MODULE 101047886), 'European and international Human Rights At Sea - EHRAS'	3	University of Milano-Bicocca
Significant career breaks	Maternity leave (January - June 2016) Maternity leave (December 2019 - May 2020)			
- H-Index (in Scopus):	none			
- Total number of publications in peer-reviewed journals	24			
- Total IF	none			
- n. and total IF of publications where the candidate is first author or equivalent (for the disciplines where the position in the list of authors correspond to the role in the work presented)	none			
- N. and total IF of the publications where the candidate is last or corresponding author (for the disciplines where the position in the list of authors correspond to the role in the work presented)	none			

### 3. MESSINA Michele

- Researcher unique identifier: ORCID Id	0000-0002-9472-8654			
- URL for web site:	<a href="https://archivio.unime.it/it/persona/michele-messina">https://archivio.unime.it/it/persona/michele-messina</a>			
Academic age (years from the beginning of scientific activity, i.e. years from first publication or from the beginning of PhD or Medical Specialisation School)	18			

Previous positions	<p>From January 2019: Associate Professor of European Union Law – University of Messina – Italy.  Jan. 2016 – Dec. 2018: Senior Lecturer in European Union Law – University of Messina – Italy.  Dec. 2011 – Dec. 2015: Lecturer in European Union Law – University of Messina – Italy.  Jul. 2011 – Dec. 2011: Deputy Head of Section – European Business Law – Academy of European Law (ERA) – Trier – Germany.  Mar. 2009 – Jun. 2011: Course Director – European Business Law Section – Academy of European Law (ERA) – Trier – Germany.</p>			
Prizes and awards	<p>2005 Awarded Competition Law Scholars Forum (CLaSF) Fellowship to assist the research finalised to a paper to be presented at the 6th CLaSF workshop on: “Modernising Article 82 EC”.  2002 -2003 Awarded Scholarship for Postgraduate Studies in Law abroad by the Department of Law of the Faculty of Political Sciences of the University of Messina.</p>			
Visiting academic positions	<p>Mar. 2019: Visiting Professor at the Faculté de droit of the Université Paris-Est Créteil (UPEC).  Nov. – Dec. 2017: Guest Researcher at the Europa Institute of the Leiden Law School, Leiden University, The Netherlands.  Aug. – Sept. 2017: Visiting Scholar at the Columbia University in the City of New York, USA.  Dec. 2011 – Dec. 2015: Lecturer in European Union Law – University of Messina – Italy.</p>			
Teaching activities and PhD supervision	<p>PhD Supervision:  1. “La “dimensione esterna” della politica europea nel settore dell’Istruzione Superiore: il modello europeo e l’impatto sui sistemi di IS nei paesi del Maghreb”, Dottorato in Scienze Politiche (XXXVI Ciclo – 2020/21), Dipartimento di Scienze Politiche e Giuridiche, Università di Messina.  2. “UE e sviluppo del capitale umano: il ruolo dei programmi europei per i giovani ed il loro management”, Dottorato in Scienze Politiche (XXXVII Ciclo – 2021/22), Dipartimento di Scienze Politiche e Giuridiche, Università di Messina.  Teaching Activities:  A.A. 2022/23 Docenza di Istituzioni di diritto dell’Unione europea (C.F.U. 8), corso di laurea in Scienze Politiche e delle Relazioni Internazionali, Dipartimento di Scienze Politiche e Giuridiche, Università di Messina  A.A. 2022/23 Docenza di Diritto del Mercato interno dell’Unione europea (C.F.U. 8), corso di laurea magistrale in Relazioni internazionali, Dipartimento di Scienze Politiche e Giuridic...</p>			
Other work experience (e.g. consultancy if any)	<p>ICN Non-Governmental Advisor (NGA) to the European Commission’s DG Competition (Agency Effectiveness Working Group) (From 2017).</p>			
- Administrative role and position responsibility	<p>Coordinator of the Course of Political Sciences and International Relations (L-36)</p>			
- Scientific organisations/Coordination of academic activities	<p>Module Leader of the Jean Monnet Module EU CREW (2021-2024)  Academic Coordinator of the European Documentation Centre of the University of Messina (2015-2021).</p>			
Editorial activity	<p>Member of the Editorial Board of the legal journal International Order and Human Rights.  Member of the Editorial Board of the legal journal Freedom, Security &amp; Justice</p>			
Membership of scientific societies	<p>Member of the Italian Society of International Law (SIDI)  Member of the Italian Society of European Law Scholars (AISDUE)  Member of the Italian Association of European Jurists (AIGE)  Full Member of Competition Law Scholars Forum (CLaSF).  Member of the Research Network on EU Administrative Law (ReNEUAL)  Member of the Alumni Network Steering Group of the British Institute of International and Comparative Law (BIICL).</p>			
Funding (current and past)	<b>Anno</b>	<b>Project title</b>	<b>Person months</b>	<b>Funding organisation</b>
	2021	Jean Monnet Module EU CREW	n/a	European Commission

Significant career breaks	None
- H-Index (in Scopus):	n/a
- Total number of publications in peer-reviewed journals	22
- Total IF	n/a
- n. and total IF of publications where the candidate is first author or equivalent (for the disciplines where the position in the list of authors correspond to the role in the work presented)	n/a
- N. and total IF of the publications where the candidate is last or corresponding author (for the disciplines where the position in the list of authors correspond to the role in the work presented)	n/a

### 3. Main Principal Investigator's scientific publications (Max. 20)

1. Simone Carrea (2021). La restrizione dell'immunità giurisdizionale per attività delle società di classificazione. RIVISTA DI DIRITTO INTERNAZIONALE, p. 775-817, ISSN: 0035-6158 - **Articolo in rivista**
2. Carrea S (2020). La prova del contratto nel Regolamento Roma I e gli incerti confini della regola lex fori regit processum. IL DIRITTO MARITTIMO, p. 214-232, ISSN: 0012-348X - **Articolo in rivista**
3. Carrea S (2019). Il valore degli atti dell'International Council on Monuments and Sites (I.C.O.M.O.S.) tra soft law e discrezionalità amministrativa,. RIVISTA GIURIDICA DELL'AMBIENTE, p. 405-430, ISSN: 0394-2287 - **Articolo in rivista**
4. Carrea S (2019). The ECHR in the Cyberspace: Does the Power to Infringe Always Entail the Duty to Protect?. DIRITTI UMANI E DIRITTO INTERNAZIONALE, p. 133-154, ISSN: 1971-7105 - **Articolo in rivista**
5. Lorenzo Schiano di Pepe, Simone Carrea (2018). INSOLVENCY AND ARREST OF SHIPS: THE INTERACTION OF INTERNATIONAL AND EUROPEAN UNION LAW. RIVISTA DI DIRITTO INTERNAZIONALE PRIVATO E PROCESSUALE, vol. 4/2018, p. 895-921, ISSN: 0035-6174 - **Articolo in rivista**
6. Carrea S (2017). Il carattere pubblicistico delle attività di attestazione e certificazione tra libertà di stabilimento e regime delle immunità.. IL DIRITTO MARITTIMO, p. 94-105, ISSN: 0012-348X - **Articolo in rivista**
7. Carrea S (2017). L'individuazione del forum commissi delicti in caso di illeciti cibernetici: alcune riflessioni a margine della sentenza Concurrence Sàrl. DIRITTO DEL COMMERCIO INTERNAZIONALE, p. 543-571, ISSN: 1593-2605 - **Articolo in rivista**
8. Carrea S (2016). La legge applicabile e le regole di giurisdizione relative ai rapporti di lavoro dipendente e



alle procedure di evidenza pubblica in ambito GECT. RIVISTA DI DIRITTO INTERNAZIONALE PRIVATO E PROCESSUALE, p. 74-105, ISSN: 0035-6174 - **Articolo in rivista**

9. Carrea S (2015). La riforma del "Gruppo europeo di cooperazione territoriale": luci ed ombre del regolamento n. 1302/2013. IL DIRITTO DELL'UNIONE EUROPEA, p. 367-396, ISSN: 1125-8551 - **Articolo in rivista**

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10. CARREA, SIMONE (2012). La disciplina del Gruppo europeo di cooperazione territoriale (GECT) tra diritto dell'Unione europea, autonomia statutaria e diritto internazionale privato: un tentativo di sintesi. COMMERCIO INTERNAZIONALE, vol. 3, p. 611-651, ISSN: 1126-1617 - **Articolo in rivista**

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11. Carrea S (2020). Private International Law and the Internet: Jurisdictional Issues of Smart Contracts under the Brussels Ia Regulation. In: (a cura di): Heiderhoff B, Queirolo I, Old and new problems in private law. ISBN: 9788825531435 - **Contributo in volume (Capitolo o Saggio)**

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12. Carrea S (2019). Applicative issues of transnational cooperation among administrations. In: (a cura di): P Bußjäger, E Happacher, W Obwexer, Verwaltungskooperation in der Europaregion. Potenziale ohne Grenzen?. p. 51-73, ISBN: 9783848755103 - **Contributo in volume (Capitolo o Saggio)**

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13. Carrea S (2018). La rete e il diritto internazionale privato: la legge applicabile in materia di diffamazione a mezzo internet. In: (a cura di): Ivaldi P, Carrea S, Lo spazio cibernetico. Rapporti giuridici pubblici e privati nella dimensione nazionale e transfrontaliera. p. 51-88, ISBN: 9788894943276 - **Contributo in volume (Capitolo o Saggio)**

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14. Carrea S (2017). Brussels Ia and the arrest of ships: from the 1952 to the 1999 Arrest Convention. In: (a cura di): S.M. Carbone, Brussels Ia and Conventions on Particular Matters. The case of transports. SCRITTI DI DIRITTO PRIVATO EUROPEO ED INTERNAZIONALE, vol. 17, p. 237-282, ROMA:Aracne Editrice, ISBN: 9788825506525 - **Contributo in volume (Capitolo o Saggio)**

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15. Carrea S (2017). La disciplina dell'illecito internazionale alla prova dell'evoluzione tecnologica: il cyber espionage. In: (a cura di): A. Spagnolo, S. Saluzzo, La responsabilità degli Stati e delle organizzazioni internazionali: nuove fattispecie, problemi di attribuzione e di accertamento. QUADERNI DEL DIPARTIMENTO DI GIURISPRUDENZA DELL'UNIVERSITÀ DI TORINO, vol. 4, p. 19-37, Milano:Ledizioni, ISBN: 9788867056651 - **Contributo in volume (Capitolo o Saggio)**

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16. Carrea S (2017). The role of conflict-of-law rules in the realm of administrative law. In: (a cura di): B. Heiderhoff, I. Queirolo, Current Legal Challenges in European Private and Institutional Integration. SCRITTI DI DIRITTO PRIVATO EUROPEO ED INTERNAZIONALE, vol. 16, p. 81-103, ISBN: 9788825505856 - **Contributo in volume (Capitolo o Saggio)**

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17. Simone Carrea (2017). The Management and Organisation of Cross-Border Transportation Services through the European Grouping of Territorial Cooperation (EGTC): From Theory to Practice. In: D. Ćorić N. Radionov A. Čar. Intranslaw Zagreb 2017 - Transport Law Towards the Future. p. 1-27, ISBN: 978-953-270-110-4 - **Contributo in volume (Capitolo o Saggio)**

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18. Simone Carrea (2020). I rapporti tra Stati e imprese nel diritto del mare tra attribuzione della bandiera, delega di funzioni e sponsorship. p. 1-264, NAPOLI:Editoriale Scientifica, ISBN: 978-88-9391-809-1 - **Monografia o trattato scientifico**

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19. Carrea S (2017). Coordinamento e integrazione tra ordinamenti: il caso del GECT. Diritto internazionale e diritto dell'Unione europea. DIRITTO INTERNAZIONALE DELL'ECONOMIA, Torino:Giappichelli, ISBN: 978-88-921-1059-5 - **Monografia o trattato scientifico**

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20. CARREA, SIMONE (2014). I rapporti tra CEDU e diritto interno nella giurisprudenza della Corte di Cassazione in materia di tassazione delle plusvalenze derivanti da procedimenti espropriativi. DIRITTO E PRATICA TRIBUTARIA, vol. 2, p. 199-229, ISSN: 0012-3447 - **Nota a sentenza**

#### 4. Main scientific publications of the associated PIs (Max. 20, for each associated PI)

## 1. SALVADEGO Laura

1. SALVADEGO, Laura (2016). Struttura e funzioni della necessità militare nel diritto internazionale. STUDI DI DIRITTO INTERNAZIONALE, p. 1-336, TORINO:Giappichelli, ISBN: 9788892103375 - **Monografia o trattato scientifico**
2. Salvadego, Laura (2019). The Respect for Fundamental Human Rights in the Fight against Human Trafficking and Migrant Smuggling across the Central Mediterranean Sea. p. 1-118, Brill/Nijhoff, ISBN: 978-90-04-40834-0 - **Monografia o trattato scientifico**
3. Salvadego, Laura (2017). Il rispetto dei diritti umani fondamentali nel contrasto al traffico di migranti attraverso il Mediterraneo centrale. IL DIRITTO MARITTIMO, vol. CXIX, p. 1122-1150, ISSN: 0012-348X - **Articolo in rivista**
4. SALVADEGO, Laura (2016). Witness Protection and Inter-State Cooperation: Current and Emerging Challenges in the Fight against Transnational Organised Crime. GERMAN YEARBOOK OF INTERNATIONAL LAW, vol. 58, p. 379-410, ISSN: 0344-3094 - **Articolo in rivista**
5. SALVADEGO, Laura (2014). La normativa internazionale sulla protezione dei testimoni nel contrasto alla criminalità organizzata transnazionale. RIVISTA DI DIRITTO INTERNAZIONALE, vol. XCVII, p. 132-173, ISSN: 0035-6158 - **Articolo in rivista**
6. SALVADEGO, Laura (2015). L'obbligo di cooperazione per la protezione dei testimoni nella giustizia penale internazionale e il "giusto processo costituzionale". DIRITTI UMANI E DIRITTO INTERNAZIONALE, vol. 9, p. 411-433, ISSN: 1971-7105 - **Articolo in rivista**
7. Salvadego, L. (2021). La decisione della Corte penale internazionale nel caso Ongwen e la rilevanza delle cause di esclusione della responsabilità individuale. RIVISTA DI DIRITTO INTERNAZIONALE, vol. 4, p. 1087-1097, ISSN: 0035-6158 - **Articolo in rivista**
8. Laura Salvadego (2019). Diritto di accedere alla giustizia, esigenze di politica giudiziaria e mancata esecuzione di sentenze 'pilota' della Corte europea dei diritti umani: il caso Burmych. DIRITTI UMANI E DIRITTO INTERNAZIONALE, vol. 13, p. 216-225, ISSN: 1971-7105 - **Articolo in rivista**
9. Laura Salvadego (2018). I respingimenti sommari di migranti alle frontiere terrestri dell'énclave di Melilla. DIRITTI UMANI E DIRITTO INTERNAZIONALE, vol. 12, p. 199-206, ISSN: 1971-7105 - **Articolo in rivista**
10. SALVADEGO, Laura (2017). Il divieto per i dipendenti di imprese private di esibire simboli religiosi all'esame della Corte di Giustizia dell'Unione europea. RIVISTA DI DIRITTO INTERNAZIONALE, vol. 33, p. 808-826, ISSN: 0035-6158 - **Articolo in rivista**
11. SALVADEGO, Laura (2016). Il divieto per i dipendenti del pubblico impiego di esibire simboli religiosi in Francia all'esame dei giudici di Strasburgo. DIRITTI UMANI E DIRITTO INTERNAZIONALE, vol. 10, p. 462-470, ISSN: 1971-7105 - **Articolo in rivista**
12. SALVADEGO, Laura (2016). La nuova disciplina italiana sulle operazioni di « intelligence di contrasto » all'estero. RIVISTA DI DIRITTO INTERNAZIONALE, vol. 99, p. 1187-1195, ISSN: 0035-6158 - **Articolo in rivista**
13. SALVADEGO, Laura (2013). Il regime delle deroghe ammesse nella Carta africana dei diritti dell'uomo e dei popoli in una recente sentenza della Corte di giustizia dell'ECOWAS: il caso Gbagbo. DIRITTI UMANI E DIRITTO INTERNAZIONALE, vol. 7, p. 540-547, ISSN: 1971-7105 - **Articolo in rivista**
14. SALVADEGO, Laura (2012). I provvedimenti conservativi in funzione dell'esecuzione di una sentenza straniera secondo il regolamento "Bruxelles I". LE NUOVE LEGGI CIVILI COMMENTATE, vol. XXVIII, p. 929-938, ISSN: 0391-3740 - **Articolo in rivista**
15. SALVADEGO, Laura (2010). Controllo marittimo dell'immigrazione clandestina e giurisdizione penale del giudice italiano. RIVISTA DI DIRITTO INTERNAZIONALE, vol. XCIII, p. 1154-1159, ISSN: 0035-6158 - **Articolo in rivista**
16. Salvadego, L. (2020). Le principe de non-refoulement en mer. In: (a cura di): Hélène Raspail, Les droits de l'Homme et la mer. p. 165-183, PARIS:Pedone, ISBN: 9782233009654 - **Contributo in volume (Capitolo o Saggio)**
17. SALVADEGO, Laura (2017). The Notion of Organised Crime and the American Convention on Human Rights. In: (a cura di): S. Carnevale S. Forlati O. Giolo, Redefining Organised Crime. A Challenge for the European Union?. HART STUDIES IN EUROPEAN CRIMINAL LAW, p. 145-169, OXFORD:Hart, ISBN: 978-1-50990-470-9 - **Contributo in volume (Capitolo o Saggio)**
18. Salvadego, L. (2021). The Smuggling Protocol and the Criminalization of Humanitarian Activities at Sea. In: (a cura di): Serena Forlati, The Palermo Convention at Twenty. The Challenge of Implementation. BRILL RESEARCH PERSPECTIVES, p. 98-108, Leiden/Boston:Brill, ISBN: 978-90-04-46904-4, ISSN: 2468-0923 - **Contributo in volume (Capitolo o Saggio)**
19. Salvadego L. (2021). La tutela del diritto alla vita nel corso di missioni militari all'estero. In: (a cura di): Annoni Forlati Franzina, Il Diritto internazionale come sistema di valori. Scritti in onore di Francesco Salerno. p. 249-265, NAPOLI:Jovene Editore, ISBN: 9788824327237 - **Contributo in volume (Capitolo o Saggio)**
20. Salvadego, L. (2021). Il rispetto del principio di non refoulement nel Mediterraneo Centrale. In: (a cura di): L. Salvadego M. Savino E. Scotti, Migrazioni e vulnerabilità. La rotta del Mediterraneo centrale - Atti del II Doctoral Colloquium dell'Accademia Diritto e Migrazioni (Macerata, 5-6 dicembre 2019). p. 105-120, TORINO:GIAPPICHELLI, ISBN: 9-788892-137431 - **Contributo in volume (Capitolo o Saggio)**

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2. Papanicolopulu, I (2021). Maritime Spatial Planning and Protection of the Marine Environment. THE KOREAN JOURNAL OF INTERNATIONAL AND COMPARATIVE LAW, vol. 9, p. 311-336, ISSN: 2213-4476, doi: 10.1163/22134484-12340160 - **Articolo in rivista**
3. Papanicolopulu, I (2019). Le operazioni di search and rescue: problemi e lacune del diritto internazionale. RIVISTA TRIMESTRALE DI DIRITTO PUBBLICO, p. 507-520, ISSN: 0557-1464 - **Articolo in rivista**
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**3. MESSINA Michele**

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- climatica dinanzi al giudice dell'UE dopo la sentenza Carvalho: necessità di riforma della formula "Plaumann"?. RIVISTA GIURIDICA DELL'AMBIENTE, p. 121-147, ISSN: 2499-264X - **Articolo in rivista**
2. Messina, M. (2021). The Court of Justice of the EU and the difficult reconciliation of its unlimited jurisdiction with its general incompetence to exercise powers of injunction against the other EU Institutions. REVUE DES AFFAIRES EUROPEENNES, p. 153-164, ISSN: 1152-9172 - **Articolo in rivista**
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  9. MESSINA, MICHELE (2015). La libertà di circolazione e accesso al lavoro dei cittadini dei nuovi Stati membri UE e dei loro familiari: uno degli ultimi baluardi della discriminazione in base alla nazionalità tra cittadini dell'Unione. ORDINE INTERNAZIONALE E DIRITTI UMANI, p. 288-312, ISSN: 2284-3531 - **Articolo in rivista**
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  11. MESSINA, MICHELE (2013). La nuova governance economica e finanziaria dell'Unione: aspetti giuridici e possibili scenari per la sua integrazione nell'ordinamento giuridico UE. FEDERALISMI.IT, p. 1-36, ISSN: 1826-3534 - **Articolo in rivista**
  12. MESSINA, MICHELE (2012). The operation of ne bis in idem in the application of European Union competition law rules across the European Union: recent developments in the light of the Toshiba case. ERA-FORUM, vol. 13, p. 163-171, ISSN: 1612-3093, doi: 10.1007/s12027-012-0261-0 - **Articolo in rivista**
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  16. Messina, M. (2021). Geo-blocking and EU Competition Law in the Digital Era. In: (a cura di): Ana Mercedes Lopez Rodriguez Michael D. Green Maria Lubomira Kubica, Legal Challenges in the New Digital Age. p. 13-28, Leiden, Boston: Brill Nijhoff, ISBN: 9789004447417 - **Contributo in volume (Capitolo o Saggio)**
  17. Messina, M. (2021). Il mercato unico digitale e la pratica del geo-blocco nel settore dei servizi audiovisivi tra diritto antitrust e tutela dei diritti d'autore. In: (a cura di): G. Caggiano G. Contaldi P. Manzini, Verso una legislazione europea su mercati e servizi digitali. p. 231-254, BARI: Cacucci Editore, ISBN: 9791259650870 - **Contributo in volume (Capitolo o Saggio)**
  18. Messina, M. (2020). Il fallimento della solidarietà nella gestione dei flussi migratori: la responsabilità degli Stati membri con la complicità delle istituzioni dell'Unione. In: (a cura di): A. Di Stasi L.S. Rossi, Lo spazio di libertà sicurezza e giustizia a vent'anni dal Consiglio europeo di Tampere. p. 475-490, NAPOLI: Editoriale Scientifica, ISBN: 9788893917568 - **Contributo in volume (Capitolo o Saggio)**
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  20. Messina, M. (2020). La competenza di "piena giurisdizione" della Corte di giustizia dell'Unione europea. p. 1-326, NAPOLI: Editoriale Scientifica, ISBN: 9788893918879 - **Monografia o trattato scientifico**

5. Main staff involved (max 10 professors/researchers for each research unit, in addition to the PI or associated PIs), highlighting the expected time commitment

## List of the Research Units

## Unit 1 - CARREA Simone

## Personnel of the research unit

n°	Surname Name	Qualification	University/ Research Institution	e-mail address	Months/person expected
1.	CARREA Simone	Ricercatore a t.d. - t.defin. (art. 24 c.3-b L. 240/10)	Università degli Studi di GENOVA	simone.carrea@giuri.unige.it	4,0
2.	IVALDI Paola	Professore Ordinario	Università degli Studi di GENOVA	paola.ivaldi@giuri.unige.it	1,0
3.	SCHIANO DI PEPE Lorenzo	Professore Ordinario (L. 240/10)	Università degli Studi di GENOVA	lorenzo.schianodipepe@unige.it	3,0
4.	TUO Chiara Enrica	Professore Ordinario (L. 240/10)	Università degli Studi di GENOVA	chiara.tuo@unige.it	1,0
5.	BONACCHI Guglielmo	Dottorando	Università degli Studi di GENOVA	willy.bonacchi@gmail.com	1,0
6.	BEDENDI Matteo	Dottorando	Università degli Studi di GENOVA	4242635@studenti.unige.it	1,0

## Unit 2 - SALVADEGO Laura

## Personnel of the research unit

n°	Surname Name	Qualification	University/ Research Institution	e-mail address	Months/person expected
1.	SALVADEGO Laura	Professore Associato (L. 240/10)	Università degli Studi di MACERATA	laura.salvadego@gmail.com	2,0
2.	CALIGIURI Andrea	Professore Associato (L. 240/10)	Università degli Studi di MACERATA	andrea.caligiuri@unimc.it	2,0
3.	VITALE Carmen	Ricercatore confermato	Università degli Studi di MACERATA	carmen.vitale@unimc.it	2,0
4.	ARDITO Elena	Dottorando	Università degli Studi di MACERATA	e.ardito92@gmail.com	1,0

## Unit 3 - PAPANICOLOPULU Irini

## Personnel of the research unit

n°	Surname Name	Qualification	University/ Research Institution	e-mail address	Months/person expected
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1.	PAPANICOLOPULU Iriini	Professore Associato (L. 240/10)	Università degli Studi di MILANO-BICOCCA	irini.papanicolopulu@unimib.it	3,0
2.	LOSI Giulia	Dottorando	Università degli Studi di MILANO-BICOCCA	g.losi3@campus.unimib.it	2,0

#### Unit 4 - MESSINA Michele

#### Personnel of the research unit

n°	Surname Name	Qualification	University/ Research Institution	e-mail address	Months/person expected
1.	MESSINA Michele	Professore Associato (L. 240/10)	Università degli Studi di MESSINA	michele.messina@unime.it	1,1
2.	MARCHESE Alberto	Ricercatore a t.d. - t.pieno (art. 24 c.3-b L. 240/10)	Università degli Studi di MESSINA	amarchese@unime.it	1,2
3.	PERRINI Francesca	Professore Associato (L. 240/10)	Università degli Studi di MESSINA	fperrini@unime.it	0,9
4.	PITRONE Anna	Professore Associato (L. 240/10)	Università degli Studi di MESSINA	apitrone@unime.it	0,9
5.	TOFFLE Mary Ellen	Ricercatore a t.d. - t.pieno (art. 24 c.3-b L. 240/10)	Università degli Studi di MESSINA	mtoffle@unime.it	1,2

#### 6. Information on the new contracts for personnel to be specifically recruited

n°	Associated or principal investigator	Number of expected research contracts	Number of expected PhD scholarships	Overall expected time commitment (months)
1.	CARREA Simone	0	0	0
2.	SALVADEGO Laura	0	0	0
3.	PAPANICOLOPULU Iriini	0	0	0
4.	MESSINA Michele	0	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### 7. PI "Do No Significant Harm (DNSH)" declaration, in compliance with article n. 17, EU Regulation 852/2020. (upload PDF)

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