



Juliette Martin

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● WORK EXPERIENCE

01/07/2021 – CURRENT – Laxenburg, Austria

RESEARCH SCHOLAR – INTERNATIONAL INSTITUTE FOR APPLIED SYSTEMS ANALYSIS (IIASA)

- WP5 Lead of IIASA's Strategic Initiatives Project fairSTREAM, integrating biodiversity into the food and water nexus by demonstrating a co-production methodology for including equity and justice (fairness) in developing sustainable policy options across the food-water-biodiversity nexus
- Core team member and co-lead of the H2020 Project PHUSICOS Work Package 5 (Governance Innovation) and H2020 EuropaBON Project Work Package 2 (Stakeholder Engagement)
- Leading research on the policy and user needs of biodiversity monitoring data in Europe as well as nature-based solution governance enablers and barriers
- Technical lead of an analysis of household risk and resilience perception of landslide-prone communities in Western Nepal for the NERC (Natural Environment Research Council) funded Landslide EVO (Environmental Virtual Observatory) Project

01/10/2018 – 01/07/2021 – Laxenburg, Austria

RESEARCH ASSISTANT – INTERNATIONAL INSTITUTE FOR APPLIED SYSTEMS ANALYSIS (IIASA)

- Leading research on financial, socio-ecological and governance models of nature-based solutions for disaster risk reduction
- Use of social science research methodologies (e.g. focus groups, stakeholder interviews, surveys and serious games) to assess the governance enablers of and barriers to nature-based solutions at various institutional scales
- Manager of the NERC (Natural Environment Research Council) funded Landslide EVO (Environmental Virtual Observatory) Project, focused on using citizen science approaches to build community disaster resilience to landslides

03/03/2016 – 01/01/2019 – Cambridge, United Kingdom

PROGRAMME OFFICER – UNITED NATIONS ENVIRONMENT PROGRAMME WORLD CONSERVATION MONITORING CENTER (UNEP-WCMC)

- Project leadership skills through independent management of projects and their budgets, such as the Proteus Project
- Co-founder of the marine habitat mapping tool 'Ocean+'
- Core team member of the 5-year GEF-funded Areas Beyond National Jurisdiction (ABNJ) Deep Seas Project, which included contributing to and reviewing eight publications, liaising with project partners (e.g. UN regional seas programmes, NGOs and regional fisheries bodies), and helping to organise, run and facilitate three expert workshops in the Seychelles and Ecuador
- Effectively organised and managed biodiversity data by creating and overseeing the development of maps using ArcGIS
- Supported and promoted high quality scientific work by contributing to multiple projects' associated technical reports. For example, as part of the Global Goals Mapping Project, contributed to a report on Global Goals and the environment-human landscape, which helped shape the funding priorities of the Natural Environment Research Council and Rockefeller Foundation
- Usage of the Adobe Creative Suite to create infographics and other communication material

Cambridge, United Kingdom

01/05/2015 – 30/08/2015

RESEARCH ASSISTANT – INSTITUTO UNIVERSITÁRIO (ISPA), ECO-ETHOLOGY UNIT

- Research on the acoustic behavior of bottlenose dolphins of the Sado estuary during feeding and foraging
- Sound recordings were collected from a small research vessel using a Cetacean Research Technology hydrophone, classified and analysed using Raven pro 1.4 (Cornell University) and tested using SPSS and R

Lisbon, Portugal

01/06/2013 – 30/08/2013

RESEARCH INTERN – UNIVERSITY OF TOKYO, KAYANNE LABORATORY

- Research project on the formation dynamics and possible disappearance in light of climate change of a coral island of the Ryukyu archipelago
- Chamber experiments to determine calcification rate and photosynthesis, an ecological survey of coral cover using video transects and a topographical survey of the island and its profile were performed
- Laboratory analysis included the usage of ArcGIS in order to assess past movements of the coral island and calculations of the calcification rate of *Acropora intermedia* using a gas analyser

Tokyo, Japan

01/07/2011 – 15/10/2011

RESEARCH INTERN – MEDITERRANEAN INSTITUTE OF OCEANOGRAPHY (MIO)

- Participated in the international and multidisciplinary project 'Jellywatch', designed to tackle the diverse issues arising from blooms of the jellyfish *Pelagia noctiluca* in the North-western Mediterranean Basin (e.g. damage to aquaculture, threat to local biodiversity, negative impact on tourism)
- Utilized Ocean General Circulation Models in order to model *Pelagia noctiluca*'s trajectories in the sea
- Enhanced programming and computational skills as well as team working, communication and interpersonal skills

Toulon, France

● EDUCATION AND TRAINING

01/09/2014 – 15/11/2015 – Edinburgh, United Kingdom

MSC ECOSYSTEM SERVICES – University of Edinburgh

- Coursework: Marine Systems and Policies, Marine Infrastructure and Environmental Change, Ecosystem Dynamics and Functions, Ecosystem Value and Management, Geographical Information Systems, Statistics
- Relevant field work and research include:
- Ecosystem valuation of the lobster hatchery of North Berwick (Scotland)
- Policy brief on the EIA of the third runway project of Hong Kong's International Airport and its effects on the dolphin species *Sousa chinensis*
- Dissertation: Acoustic behaviour during feeding and foraging events of the common bottlenose dolphin, *Tursiops truncatus*, in the Sado Estuary region, Portugal. This project was run in collaboration with the Eco-Ethology Research Unit of ISPA (Higher Institute of Applied Psychology), Lisbon
- Results were published as a poster at the XXV International Bioacoustics Congress in Murnau (September 2015) and are currently in press

EQF level 7

MSC MARINE ENVIRONMENTAL MANAGEMENT – University of York

- Coursework: Environmental Impact Assessments, Fisheries Ecology and Management, Environmental Health, GIS, Statistics, Marine Protected Areas, Environmental Law and Policy, Wildlife Management
- Relevant field work and research includes:
- Marine management case study: management and conservation of coastal dunes in Europe
- Assessment of the effects of coastal squeeze on coastal and benthic biodiversity on the Yorkshire Coast
- Dissertations: The MSc included two research projects. The first was performed within the University of York and consisted in designing a marine protected area for cetaceans in the Bay of Biscay (Europe). The second was an external placement with the University of Tokyo, focusing on coral island formation and maintenance
- Dissertation on the conservation of cetaceans in the Bay of Biscay was published in ORCA's newsletter and website

EQF level 7

BSC IN ENVIRONMENTAL SCIENCE – University of York

- Won annual prize for "Best Student in Environmental Science" in all three years of my BSc
- Received a 'starred first' from York, which is a rare honor bestowed to people whose entire degree was of noteworthy distinction
- Coursework: Environmental Economics, Applied Ecology, Population Ecology, Behavioural Ecology, Climate Change, Ecotoxicology, Environmental Management, Coastal Zone Management, Biodiversity and Conservation
- Third year dissertation topic: 'Can we predict major beaching events of Pelagia noctiluca in the north-western Mediterranean Basin?'

EQF level 6

● **LANGUAGE SKILLS**

Mother tongue(s): **FRENCH | GERMAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
SPANISH	C1	C1	C1	B2	B2
JAPANESE	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **DIGITAL SKILLS**

Microsoft Word | Power Point | Outlook | Microsoft Powerpoint | Microsoft Excel | Skype | Microsoft Office | Zoom | Google Drive | adobe Illustrator | QGis ArcGis | R | NVivo (qualitative analysis) | Raven

● PUBLICATIONS

List of selected publications

- Pereira, H. M., Junker, J., Fernández, N., Maes, J., Beja, P., Bonn, A., Capinha, C., Chow, C., Dietrich, K., Dornelas, M., Dubois, G., Fernandez, M., Frenzel, M., Friberg, N., Fritz, S., Georgieva, O., Gobin, A., Guerra, C., Haande, S., Herrando, S., Jandt, U., Kissling, D., Kühn, I., Langer, C., Liqueste, C., Lyche Solheim, A., Martí, D., **Martin, J. G. C.**, ... Buchhorn, M. (2022). Europa Biodiversity Observation Network: integrating data streams to support policy. ARPHA Preprints, 2.
- **Martin, J. G. C.**, Khadka, P., Linnerooth-Bayer, J., Velev, S., Russell, C., Parajuli, B. P., ... Liu, W. (2021). Living with Landslides: Perceptions of Risk and Resilience in Far West Nepal. IDRIM Journal, 31187.
- **Martin, J. G. C.**, Scolobig, A., Linnerooth-Bayer, J., Liu, W., & Balsiger, J. (2021). Catalyzing Innovation: Governance Enablers of Nature-Based Solutions. Sustainability, 13(4), 1971.
- Frascchetti, S., McOwen, C., Papa, L., Papadopoulou, N., Bilan, M., Boström, C., Capdevila, P., Carreiro-Silva, M., Carugati, L., Cebrian, E., Coll, M., Dailianis, T., Danovaro, R., De Leo, F., Fiorentino, D., Gagnon, K., Gambi, C., Garrabou, J., Gerovasileiou, V., Hereu, B., Kipson, S., Kotta, J., Ledoux, J.-B., Linares, C., **Martin, J.G.C.**, ... Guarnieri, G. (2021). Where Is More Important Than How in Coastal and Marine Ecosystems Restoration. Frontiers in Marine Science, 1431.
- Scharlemann, J. P. W., Brock, R. C., Balfour, N., Brown, C., Burgess, N. D., Guth, M. K., Ingram, D. J., Lane, R., **Martin, J. G. C.**, Wicander, S., Kapos, V. (2020). Towards understanding interactions between Sustainable Development Goals: the role of environment-human linkages. Sustainability Science. <https://doi.org/10.1007/s11625-020-00799-6>
- Scolobig, A., **Martin, J. G. C.**, Linnerooth-Bayer, J., Balsiger, J., Baruffa, C., Andrea, A., ... Jurik, J. (2020). Policy innovation for Nature-based Solutions in the Disaster Risk Reduction sector.
- **Martin, J. G. C.**, Linnerooth-Bayer, J., Scolobig, A., & Liu, W. (2020). Catalyzing innovation: governance enablers of nature-based solution success stories. In EGU General Assembly Conference Abstracts (p. 22547).
- Zingraff-Hamed, A., **Martin, J. G. C.**, Lupp, G., Linnerooth-Bayer, J., & Pauleit, S. (2019). Designing a resilient waterscape using a living lab and catalyzing polycentric governance. Landscape Architecture Frontiers, 7(3), 12–31.
- **Martin, J. G. C.**, Scolobig, A., Linnerooth-Bayer, J., Liu, W., & Balsiger, J. (2019). Governance innovation through nature-based solutions: IIASA Policy Brief.
- **Martin, J. G. C.**, Bayer, J., Liu, W., & Scolobig, A. (2019). Deliverable 5.1: NBS in-depth case study analysis of the characteristics of successful governance models. H2020 PHUSICOS Project Deliverable.
- Frascchetti, S., Guarnieri, G., Papa, L., McOwen, C., Papadopoulou, N., Bilan, M., ... Cebrian, E. (2018). Restoration actions in marine ecosystems: a global analysis. PeerJ PrePrints.

● DRIVING LICENCE

Driving Licence: B

● ORGANISATIONAL SKILLS

Organisational skills

- Excellent organisational skills through the organisation of various international workshops and different events
- Team leading and team working skills through research with and managing research groups
- Independent project management

● CREATIVE WORKS

Infographic design

- Design of the graphic identity of the marine mapping tool Ocean+
- Design of multiple infographics summarising research results

● **COMMUNICATION AND INTERPERSONAL SKILLS**

Communication and interpersonal skills

- Excellent communication skills through liaison with external and internal project partners, as well as stakeholder engagement
- Fluency in 3 languages
- Considerable international work experience

● **JOB-RELATED SKILLS**

Job-related skills

- Substantial fieldwork and data sampling experience (ecological, environmental, bioacoustics and conservation-related data)
- Habitat data management and mapping
- Design and lead of qualitative data collection protocols