# Juliette Martin

**Date of birth:** 26/01/1990 | **Nationality:** French, Austrian | **Phone number:**

(+43) 067683807554 (Mobile) | **Email address:** martinj@iiasa.ac.at |

**Address:** Schlossplatz 1, 2361, Laxenburg, Austria (Work)

## WORK EXPERIENCE

30/06/2021 – CURRENT Laxenburg, Austria
**RESEARCH SCHOLAR** INTERNATIONAL INSTITUTE FOR APPLIED SYSTEMS ANALYSIS (IIASA)

• Leading research on nature-based solution governance, their enabling environments and policy hurdles, as well as policy needs of for biodiversity conservation in Europe and beyond
• WP lead of IIASA's Strategic Initiatives Project fairSTREAM, integrating biodiversity into the food and water nexus and co-creating sustainable policy options
• Core team member and co-lead of governance and stakeholder engagement Work Packages in the H2020 and Horizon Europe Projects PHUSICOS, EuropaBON, Naturance and the Hut

30/09/2018 – 30/06/2021 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
• Technical lead of a WP in 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

02/03/2016 – 31/12/2018 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

30/04/2015 – 29/08/2015 Lisbon, Portugal
**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

31/05/2013 – 29/08/2013 Tokyo, Japan
**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

30/06/2011 – 14/10/2011 Toulon, France
**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

## EDUCATION AND TRAINING

30/09/2009 – 14/07/2012 York, United Kingdom
**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?'

**Level in EQF** EQF level 6

30/09/2012 – 24/01/2014 York, United Kingdom
**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:
o Marine management case study: management and conservation of coastal dunes in Europe
o Assessment of the effects of coastal squeeze on costal 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

**Level in EQF** EQF level 7

31/08/2014 – 14/11/2015 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 includes:
o Ecosystem valuation of the lobster hatchery of North Berwick (Scotland)
o 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

**Level in EQF** EQF level 7

## ● 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

## ● ADDITIONAL INFORMATION

### PUBLICATIONS

**List of selected publications**
- **Martin, J.G.C.**, Irshaid, J., Linnerooth-Bayer, J., Scolobig, A., Aguilera Rodríguez, J. J., Fresolone-Caparrós, A., (2023). Opportunities and barriers to NBS at the EU, national, regional and local scales, with suggested reforms and innovation, Deliverable 5.2 of the PHUSICOS project, According to Nature. Nature based solutions to reduce risks in mountain landscapes, EC H2020 Programme.
- Scolobig, A., Linnerooth-Bayer, J., Pelling, M., **Martin, J.G.C.**, et al. (2023) Transformative adaptation through nature-based solutions: a comparative case study analysis in China, Italy, and Germany. *Regional Environmental Change.* 23 (2), 69.
- Laurien, F., **Martin, J.G.C.** & Mehryar, S. (2022) Climate and disaster resilience measurement: Persistent gaps in multiple hazards, methods, and practicability. Climate Risk Management. 100443.
- Moersberger, H., **Martin, J.G.C.**, Junker, J., Georgieva, I., et al. (2022) Europa Biodiversity Observation Network: User and Policy Needs Assessment, 10.3897/arphapreprints.e104168.
- Calliari, E., Castellari, S., Davis, M., Linnerooth-Bayer, J., **Martin, J.G.C.,** Mysiak, J. (2022) Building climate resilience through nature-based solutions in Europe: A review of enabling knowledge, finance and governance frameworks. Climate Risk Management. 100450.
- **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.
- 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.
- 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.

## 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