



Fulvio Biddau

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WORK EXPERIENCE

10/2024 – CURRENT

CLIMATE RESILIENCE RESEARCHER CMCC FOUNDATION - EURO-MEDITERRANEAN CENTER ON CLIMATE CHANGE (RAAS DIVISION)

- CLIMAAX Project (*Horizon Europe RIA, Grant Agreement No. 101093864*): Co-leading CLIMAAX Community of Practice, engaging and supporting regional and local authorities and expert practitioners on climate risk assessment and management (WP1); contributing to refining the climate risk assessment framework and digital handbook (WP6); contributing to designing research activities for monitoring the application of the CLIMAAX Framework and Toolbox in selected regions (WP7).
- ARCADIA Project (*Horizon Europe IA, Grant Agreement No. 101112737*): Supporting the five model regions' co-innovation labs and the project science-policy interface to facilitate the implementation of nature-based solutions (NbS) for regional adaptation (WP6); contributing to analyzing policy coherence for implementing NbS in the five model regions (WP9); contributing to designing and conducting surveys to assess social preference and support for NbS in the five model regions (WP7).
- NATURANCE Project (*Horizon Europe CSA, Grant Agreement No. 101060464*): Contributing to innovation labs that explore the integration of NbS, financial and insurance frameworks (WP2).

02/2023 – 09/2024

RESEARCHER AND PROJECT MANAGER CMCC FOUNDATION - EURO-MEDITERRANEAN CENTER ON CLIMATE CHANGE (ISCD RESEARCH DIVISION)

- SD-Wishees (*Horizon Europe CSA, Grant No. 101095322*) - CMCC Project manager for project tasks including: stakeholder analysis, engagement strategies and consultation plans, and literature review on R&I gaps (WP2); desk review and stakeholder engagement activities to assess enablers and barriers to innovation uptake for cultural heritage adaptation (WP6).
- Green Heritage (*Erasmus+ project, Grant No. 101087596*) - Developed a climate risk assessment and adaptation methodology based on impact chains for intangible cultural heritage adaptation. Contributed to case study research activities focused on climate impacts on intangible heritage in Europe and contributed to developing a Micro-credential and Blended learning course on the topic.
- Rest-Coast (*Horizon 2020 RIA, grant No 101037097*) - Contributed to designing a serious (video)game to educate on coastal restoration and adaptation benefits and challenges.
- Knowledge Hub on Sea Level Rise in Europe (*JPI Climate & JPI Oceans initiative*) - Contributing author for the first Assessment Report of the Knowledge Hub on Sea Level Rise in Europe, focusing on governance challenges, justice, and vulnerability in coastal adaptation.
- Specialist support service for Legambiente Italia under the "Stonewalls 4 Life" project (*LIFE, Grant No. LIFE18 CCA/IT/001145*) - Contributed as lead author of the "Guidelines for the Adaptation of National and Regional Parks".
- Contributed to proposal writing for Horizon Europe and Interreg projects on land-based mitigation and adaptation, water management, carbon capture and transport, and coastal adaptation.

01/10/2021 – 30/09/2023

LECTURER UNIVERSITY OF PADOVA

- Designed and delivered the course 'Qualitative and Quantitative Methods in Social Psychology' (6 ECTS) to 60+ international students. MSc in Social, Work, and Communication Psychology (2022/2023)
- Conducted 10 hours of hands-on lab sessions for 30+ MSc students (2021/2022), focusing on Atlas.Ti and Iramuteq software for qualitative and quantitative text analysis. MSc program in Social, Work, and Communication Psychology (2021/2022)
- Designed and delivered 10 hours of seminars introducing 200+ BSc students to the field of Environmental Psychology and Sustainability. BSc in Sociology (2021/2022)

01/04/2021 – 19/02/2023

POST-DOC RESEARCHER UNIVERSITY OF PADOVA | INTER-UNIVERSITY RESEARCH CENTER OF ENVIRONMENTAL PSYCHOLOGY, ITALY

Horizon 2020 project 'Tipping plus: Enabling positive tipping points toward clean energy transitions in coal and carbon-intensive regions' Grant No. 884565

- Conducted a systematic review of +400 scientific articles on decarbonization in coal regions.
- Led a multi-method case study in a coal region in transition analysing +700 documents (newspaper articles and policy documents) over a decade using lexicometric methods, interviews and workshops with stakeholders.
- Co-developed case study guidelines and the transdisciplinary approach used in 20 regional case studies.
- Facilitated iterative stakeholder engagement activities involving +50 stakeholders.
- Co-authored 6 policy briefs on coal phase-out and clean energy transition in coal and carbon-intensive regions.

- Published 5 scientific articles in high-impact journals, 2 book chapters, and guest-editing a special issue (Global Environmental Change journal)
- Contributed to project management and coordination and supervised 5 MSc graduate students

01/04/2019 – 31/03/2021

POST-DOC RESEARCHER | ACADEMIC DEVELOPER UNIVERSITY OF PADOVA, ITALY

Erasmus+ project *IntRef: Intercultural Reflection on Teaching* (Grant No. 2018-1-UK01-KA203-04792)

- Supported project management and monitoring including reporting and risk management and mitigation (Covid-related)
- Conducted cross-country research-action activities engaging +250 higher education teachers across 7 EU countries
- Co-designed and tested three innovative methods for collaborative reflection and inquiry on teaching facilitated by digital technologies (vide-recordings, video-conference)
- Developed walkthrough guides, technological toolkits, and learning resources to facilitate the uptake of these methods by academic developers and teaching staff
- Delivered and facilitated +25 training sessions and collaborative workshops
- Provided direct support to the professional learning of local teaching staff engaging +50 teachers
- Developed an open badge and micro-credentials program integrated into the university's professional development initiatives to ensure the community of practice's sustainability

02/10/2017 – 15/02/2018

RESEARCHER | TRAINER SVILUPPO MARCHE S.R.L. – AGENZIA DI SVILUPPO REGIONALE, REGIONE MARCHE, ANCONA, ITALIA

Horizon 2020 project '*EMPOWERING: Empowering local public authorities to build integrated sustainable energy strategies*' Grant No 695944

- Conducted research on social acceptance of renewable energy policies and technologies involving consultation with +20 regional stakeholders and analysis of 200+ public consultation documents for strategic and environmental impact assessments
- Provided training to +25 municipality officers and policy-makers on 'social aspects and public and stakeholder engagement in energy decisions' contributing to the capacity building program for local public authorities

01/11/2017 – 01/12/2017

EARLY-STAGE RESEARCH INTERN ANGLIA RUSKIN UNIVERSITY, GLOBAL SUSTAINABILITY INSTITUTE, UK

Horizon 2020 Project '*SHAPE Energy: Social Sciences and Humanities Advancing Policy in European Energy*' Grant No. 731264

- Training internship focused on multidisciplinary collaboration and the integration of social sciences and humanities knowledge in EU energy transition projects.

01/03/2014 – 02/04/2017

RESEARCH FELLOW UNIVERSITY OF PADOVA | SAPIENZA UNIVERSITY OF ROME

FIRB national project '*Accesi - Socio-constructivist analysis of sustainable energy communities*' Grant No. RBF10886R

- Led case study research in two communities, conducting interviews with over 20 local stakeholders and analysing local policy and media documents.
- Contributed to national-level analysis of energy policy and discourse, examining more than 800 national newspaper articles, and +130 parliamentary debates
- Integrated multi-scale insights to assess the policy coherence across governance levels, providing a systematic understanding of the development of sustainable energy communities in Italy
- Published 2 articles in high-impact journals

● EDUCATION AND TRAINING

01/10/2015 – 08/03/2019

PHD IN SOCIAL SCIENCES University of Padua

Conducted a multi-method longitudinal case study to examine the social acceptance of renewable energy uptake (PV, wind, biomasses) and policy mixes supporting distributed generation in an Italian region

- Conducted 20 interviews with heterogeneous regional stakeholders
- Analysed over 100 documents from newspapers and over 20 public debates spanning a 7-year period
- Analysed over 200 public consultation documents related to the strategic environmental assessment for the regional energy plan

Thesis Public engagement and social acceptability in energy system change: a socio-psychological analysis of a regional case study

01/10/2011 – 11/12/2013

MSC IN SOCIAL, WORK, AND COMMUNICATION PSYCHOLOGY University of Padova

Final grade Cum Laude | **Thesis** Community in transition, empowerment and participation: a qualitative research in Monteveglio

Thesis The construction of identity through consumption: the self-expressive role of brands

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
INGLESE	C1	C1	C1	C1	C1

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

DIGITAL SKILLS

Basic digital skills

• Microsoft Office Suite | Cloud Platform | Good command excel

Data analysis

SPSS (Statistical Analysis) | Iramuteq (quantitative/lexicometric analysis of texts) | Atlas.TI (qualitative/content data analysis) | Nvivo (content analysis)

Online facilitation and collaboration

G Suite Jamboard | Miro/ Mural

Content creation

Wordpress | Video Editing (Camtsia and Filmora Wondershare) | Proficiency in Canva application

NETWORKS & MEMBERSHIPS

Affiliations, editorial and peer review activities

Participation in National and International Research Groups:

- Working Group Member, Observatory on Urban Policies (URBES), Giorgio Lago Center for Regional Studies, University of Padova (2020–present)
- Member, CIRPA – Interuniversity Center for Research in Environmental Psychology (2020–2023)

Editorial roles:

- Guest Editor, Special Issue: Enabling Sustainable Transitions in Coal and Carbon-Intensive Regions – Interdisciplinary Social Science Perspectives, *Global Environmental Change* (2024)
- Editorial Board Member, *Frontiers in Psychology – Environmental Psychology Section* (2018–2023)

Peer Review Contributions:

- Scientific Journals: *Energy Research & Social Science*, *One Earth*, *Journal of Social and Political Psychology*, *Journal of Environmental Psychology*, *Frontiers in Psychology (Environmental Psychology)*, *Frontiers in Communication (Environmental Communication)*
- Book Proposals: *Elsevier (Science, Technology & Society)*, *Springer (Climate)*

ORGANISATIONAL SKILLS

Team work, project management, and events' organization

Good ability to work in teams and manage them effectively developed through experiences in research groups and networks, teaching and student supervision. Good project development and management skills gained in European projects I was involved and I contributed to developing and managing. Experienced in organizing and facilitating events, both in-person and online, thanks to my involvement in cultural events, conferences, and workshops as a volunteer, organizer, or researcher.

COMMUNICATION AND INTERPERSONAL SKILLS

Interpersonal communication and facilitation

Effective communication skills and ability to connect with individuals from diverse cultures, nationalities and professional backgrounds gained through my involvement in international and interdisciplinary projects. Through my experience in participatory action research, teaching and training I have acquired skills in active listening, moderation, and group facilitation. Good public speaking and communication skills honed through experiences in teaching, training and scientific dissemination.

Articles published in peer-reviewed scientific journals

- Bisaro, A., Galluccio, G., Fiorini Beckhauser, E., **Biddau, F.**, David, R., d'Hont, F., Góngora Zurro, A., Le Cozannet, G., McEvoy, S., Pérez Gómez, B., Romagnoli, C., Sini, E., and Slinger, J.: (2024). Sea Level Rise in Europe: Governance Context and Challenges. *State of the Planet*, 1-52. <https://doi.org/10.5194/sp-3-slre1-7-2024>, 2024.
- **Biddau, F.**, Rizzoli, V., Cottone, P., & Sarrica, M. (2024). "These industries have polluted consciences; we are unable to envision change": Sense of place and lock-in mechanisms in Sulcis coal and carbon-intensive region, Italy. *Global Environmental Change*, 86, 102850. <https://doi.org/10.1016/j.gloenvcha.2024.102850>
- **Biddau, F.**, Rizzoli, V., & Sarrica, M. (2024). Phasing-out 'coal tradition' in favour of 'renewable colonialism': how the press contributes to the discursive (de) legitimization of coal and renewables in a coal region in transition. *Sustainability Science*, 19(2), 381-402. <https://doi.org/10.1007/s11625-023-01420-2>
- Rizzoli, V., **Biddau, F.**, & Sarrica, M. (2024). The identity-attitude nexus in the representation of energy transition in a coal region (Sulcis, Italy): An exploration through the Structural Topic Model. *European Journal of Social Psychology*. 54(1), 118-135. <https://doi.org/10.1002/ejsp.3004>
- **Biddau, F.**, D'Oria, E., Brondi, S. (2023). Coping with Territorial Stigma and Devalued Identities: How Do Social Representations of an Environmentally Degraded Place Affect Identity and Agency?. *Sustainability*, 15(3), 2686. <https://doi.org/10.3390/su15032686>
- **Biddau, F.**, Brondi, S., & Cottone, P. F. (2022). Unpacking the Psychosocial Dimension of Decarbonization between Change and Stability: A Systematic Review in the Social Science Literature. *Sustainability*, 14(9), 5308. <https://doi.org/10.3390/su14095308>
- Stocco, N., Gardona, F., **Biddau, F.**, & Cottone, P. F. (2021). Learning Processes and Agency in the Decarbonization Context: A Systematic Review through a Cultural Psychology Point of View. *Sustainability*, 13(18), 10425. <https://doi.org/10.3390/su131810425>
- Sarrica, M., **Biddau, F.**, Brondi, S., Cottone, P., & Mazzara, B. M. (2018). A multi-scale examination of public discourse on energy sustainability in Italy: Empirical evidence and policy implications. *Energy Policy*, 114, 444-454. DOI: <https://doi.org/10.1016/j.enpol.2017.12.021>
- **Biddau, F.**, Armenti, A., & Cottone, P. (2016). Socio-psychological aspects of grassroots participation in the Transition Movement: An Italian case study. *Journal of Social and Political Psychology*, 4(1), 142-165. DOI: <https://doi.org/10.5964/jssp.v4i1.518>

Peer Reviewed Book Chapters

- Mangalagiu, D. Lieu, J. **Biddau, F.**, Lilliestam, J., Veland, S., Sarrica, M., Martinez-Reyes, A., Mey, F., Mandel, A. (2024). *Exploring Transition in Coal- and Carbon-Intensive Regions Through an Interdisciplinary Lens*. In: Tàbara, J.D., Flamos, A., Mangalagiu, D., Michas, S. (eds) Positive Tipping Points Towards Sustainability. Springer Climate. Springer, Cham. https://doi.org/10.1007/978-3-031-50762-5_7
- Sarrica, M., Cottone, P., **Biddau, F.** (2024). *Tipping Points. Deep Roots and Contemporary Challenges in Psychology*. In: Tàbara, J.D., Flamos, A., Mangalagiu, D., Michas, S. (eds) Positive Tipping Points Towards Sustainability. Springer Climate. Springer, Cham. https://doi.org/10.1007/978-3-031-50762-5_3
- **Biddau, F.** (2019). *Questioni etiche e resistenze nella transizione energetica: Quali sfide per le scienze sociali?* In F. Bertoni, F. Biddau, L. Sterchele (Eds.). *Territori e resistenze: Spazi in divenire, forme del conflitto e politiche del quotidiano*, pp. 59-98. Roma: Manifestolibri. ISBN 978-88-7285-950-6
- Sterchele, L., Bertoni, F., **Biddau, F.** (2019). *Territori e resistenze: un'introduzione*. In F. Bertoni, F. Biddau, L. Sterchele (Eds.) *Territori e resistenze: Spazi in divenire, forme del conflitto e politiche del quotidiano*, pp- 9-22. Roma: Manifestolibri. ISBN 978-88-7285-950-6

Books

Bertoni, F., **Biddau, F.**, Sterchele, L. (Eds.) (2019). *Territori e resistenze: Spazi in divenire, forme del conflitto e politiche del quotidiano*. Roma: Manifestolibri. ISBN 978-88-7285-950-6