



EUROPEAN CURRICULUM VITAE



PERSONAL INFORMATION

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Nationality	Slovak Republic
Gender	MALE

WORK EXPERIENCE

- Dates (from – to) Since July 2008
- Name and address of employer **Centro Euro-Mediterraneo sui Cambiamenti Climatici, Università Ca' Foscari Venezia (CMCC)**
- Type of business or sector The Fondazione Centro Euro-Mediterraneo sui Cambiamenti Climatici (Euro-Mediterranean Centre on Climate Change, CMCC, www.cmcc.it) is Italy's largest research institution entirely devoted to analysing and modelling climate systems and their interactions with society; and providing reliable and rigorous scientific assessments capable of informing policy and decision making of various stakeholders.
- Occupation or position held Director of the research division *Risk assessment and adaptation strategies (RAAS)*; previously senior researcher, principal investigator, working group leader on 'Extreme Climate Events'
- Main activities and responsibilities
 - Team and WP leader of the PRIMA (Partnership for Research and Innovation in the Mediterranean Area) funded project WATER TALANOVA (2021-2024) *TALANOVA Water Dialogues for Transformational Adaptation to Water Scarcity Under Climate Change*,
 - Team leader of the H2020 funded project MYRIAD-EU (2021-2025) Multi-hazard and systemic framework for enhancing Risk-Informed management and decision making in the EU,
 - Coordinator of the EC H2020 project CLARA (2017-2020) *Climate forecast enabled knowledge services*;
 - Team leader of the EC H2020 project EUCP (2017-2022) *European Climate Prediction system*,
 - Team and WP leader of the EC H2020 project PLACARD (2015-2020) *Platform for climate adaptation and risk reduction*;
 - Team and WP leader of the EC H2020 project RECEIPT *Remote Climate Effects and their Impact on European sustainability, Policy and Trade (2019-2023)*;
 - coordinator of the EC DG ECHO funded project/tender "Peer review of the Disaster Risk Reduction policies" (2020-2022)
 - deputy coordinator of the EC DG CLIMA funded project/tender "Study on Adaptation Modelling Policy Support" (2019-2021)
 - key expert of the ECMWF (European Centre for Medium-Range Weather Forecasts) funded project *Climate Change Service for Disaster Risk Reduction (2019-2021)*;
 - Coordinator of the Climate KIC project PLACES (2017) *Pluvial flood hazard and risk assessment and mitigation in European cities*; and leading role in the follow-up project

<ul style="list-style-type: none"> • Main activities and responsibilities 	<p>SAFERPLACES (2018-2020) <i>Improved assessment of pluvial, fluvial and coastal flood hazards and risks in European cities as a mean to build safer and resilient communities;</i></p> <ul style="list-style-type: none"> - Contribution to H2020 projects COACCH (2017-2021) <i>Co-designing the assessment of climate change costs</i>, EUCP (2018-2021) <i>European Climate Prediction System</i>, and DG ECHO projects SAVEMEDCOASTS (2017-2018) <i>Sea level rise scenarios along the Mediterranean coasts</i>, and LODE - Loss data Enhancement for DRR and CCA management (2019-2021). - Team leader of the project EC H2020 project EUMACS (2016-2018) <i>European Market for Climate Services;</i> - Team leader of the DIPECHO PAR/ CHAKE OU (2016-2017) <i>Strengthening of institutional and community preparedness and coordination capacities for disaster risk reduction in Paraguay;</i> - Scientific coordinator of the AXA Fellowship project BOOSTER BLUE (2016-2018) <i>Economic Instruments for Sustainable Water Management and Resilient Growth in Water Stressed Areas;</i> - Scientific coordinator of the MSC project SMALLDIS (2016-2018) <i>The impact of small-scale disaster events: an exploration of disaster related losses, extensive risk management and learning at the institutional community level in Italy;</i> - Coordinator of the Climate KIC (European Institute for Technology and Innovation EIT) funded project Cost Adapt - <i>Adaptation service for regional assessment of climate risks</i> (2015) - Key expert and task manager on Disaster Risk Reduction of the European Environment Agency's European Topic Centre on <i>Climate Change impacts, vulnerability and adaptation;</i> coordinating lead author of the EEA report on climate adaptation and disaster risk reduction (2017) and lead author of the 2016 EEA Report <i>Climate change, impacts and vulnerability in Europe 2016 An indicator-based report.</i> - Team leader of the EUROPEAID project CASCADE - <i>Climate change adaptation strategies for water resources and human livelihoods in the coastal zones of small island developing states</i> (2012-2014), - Team leader of the Consultancy Service for the Development of an Inundation, Flooding and Landslide National Risk Profile, Strategic Framework and Action Plans for Disaster Risk Management for the Republic of Mauritius (2012) - <i>Team leader of the project FREEMAN (Resilience enhancement and water demand management for climate change adaptation) funded by the CRUE ERA-net initiative (2010-2011); contributing to FP7 project Bridge (Sustainable urban planning decision support accounting for urban metabolism); the EC DG Environment funded study 'Climate Adaptation – modelling water scenarios and sectoral impacts'. Tender DG ENV.D.2/SER/2009/0034; the World Bank study 'Nigeria Climate Risk Assessment in Agriculture and Coastal Development'</i>
<ul style="list-style-type: none"> • Dates (from – to) 	<p>September 2004 – December 2018</p>
<ul style="list-style-type: none"> • Name and address of employer 	<p>FEEM Fondazione Eni Enrico Mattei Venice, Italy; Natural Resource Management Research Programme</p>
<ul style="list-style-type: none"> • Type of business or sector 	<p>FEEM is a research centre renowned especially in the field of environmental economics and governance (http://www.feem.it), with ca. 120 employees and offices in Milan, Venice and Viggiano</p>
<ul style="list-style-type: none"> • Occupation or position held 	<p>Senior researcher, principal investigator and leader of working group on Natural Hazards and Disaster Risk Reduction.</p>
<ul style="list-style-type: none"> • Main activities and responsibilities 	<ul style="list-style-type: none"> - Team leader in the EC funded project GREEN (2017-2018) <i>Green Infrastructures for disaster risk reduction protection: evidence, policy instruments and marketability</i> - Deputy coordinator of the FP7 project ENHANCE (2012-2016) <i>Enhancing risk management partnerships for catastrophic natural disasters in Europe)</i> - Team leader in the FP7 project SWITCH-ON (2013-2017) <i>Sharing Water-related Information to Tackle Changes in the Hydrosphere - for Operational Needs</i> - Coordinator of the EU FP7 project EPI-WATER (Evaluating Economic Policy Instruments for Sustainable Water Management in Europe) - Coordinator of the IWRM-net project WATER2ADAPT (Resilience enhancement and water demand management for climate change adaptation) - Coordinator of the Dg ECHO funded project PREEMPT (2011-2012) <i>Policy-relevant assessment of economic and social effects of hydro-meteorological disasters</i> - Deputy coordinator of the FP7 project XEROCHORE (An Exercise to Assess Research Needs and Policy Choices in Areas of Drought) - Work package leader in the 6FP integrated project NEWATER (New Approaches to Adaptive Water Resource Management under Uncertainty, http://www.newater.info) - Contributor to the FP5 research project TRANSCAT (Integrated water management of transboundary catchments, http://www.transcat-project.net/)
<ul style="list-style-type: none"> • Dates (from – to) 	<p>January 2008 – until now</p>

- Name and address of employer **University Ca' Foscari Venice (Italy), Economy Department**
 - Type of business or sector University department
 - Occupation or position held Contractual lecturer

- Dates (from – to) February 2006 – July 2006
- Name and address of employer **University of Milan (Italy), Dipartimento di Produzione Vegetale**
 - Type of business or sector University department with ca.40 employees
- Occupation or position held Guest lecturer

- Dates (from – to) September 2002 – August 2004
- Name and address of employer **Helmholtz Centre for Environmental Research UFZ, Leipzig, Germany; Department of Economics**
 - Type of business or sector Research centre in the Helmholtz Association devoted to environmental research (<http://www.ufz.de>), ca. 780 employees with offices in Leipzig, Halle and Magdeburg
 - Occupation or position held Department of Economics specialised in environmental and ecological economics, environmental governance
Senior researcher, Marie Curie PostDoc Fellow
- Main activities and responsibilities
 - Contribution to the FP5 project HARMONIRIB (Harmonised Techniques and Representative River Basin Data for Assessment and Use of Uncertainty Information in Integrated Water Management, <http://www.harmonirib.com/>)
 - Contribution to the FP5 research project FRAP (Framework for biodiversity Reconciliation Action Plans, <http://www.frap-project.net/>)

- Dates (from – to) November 2003 (three weeks)
- Name and address of employer **Australian National University (ANU), Canberra, Australia, Integrated Catchment Assessment and Management Centre (iCAM)**
 - Type of business or sector Research centre allocated at the ANU, specialised in integrated assessment and modelling
 - Occupation or position held Guest researcher
- Main activities and responsibilities Assessment of policy options to stop soil erosion and creation of gullies in the Campbell river basin

- Dates (from – to) April 2001 – August 2002
- Name and address of employer **FEEM Fondazione Eni Enrico Mattei Venice, Italy; Natural Resource Management Research Programme**
 - Type of business or sector FEEM is a private, non for profit research centre specialised in environmental economics and natural resource management (<http://www.feem.it>), ca. 250 employees with offices in Milan, Venice, Turin, Genova and Rome
 - Occupation or position held Senior researcher and key scientist
- Main activities and responsibilities
 - Involvement in the FP5 research project MULINO (Multisectoral, Integrated and Operational Decision Support System for sustainable use of water resource at the catchment scale)

- Dates (from – to) April 2001 – December 2001
- Name and address of employer **University of Padova (Italy), Department Environmental Agronomy and Plant Production**
 - Type of business or sector University department with ca. 80 employees (<http://www.daapv.unipd.it/>)
 - Occupation or position held Guest researcher
- Main activities and responsibilities Research in the field of integrated resource management and design of policy support tools

- Dates (from – to) September 1997 – December 2000
- Name and address of employer **University of Göttingen, Germany, Institute for Forest Biometrics and Informatics**
 - Type of business or sector University institute with ca. 25 employees (<http://fbi.forst.uni-goettingen.de/>)
 - Occupation or position held PhD student and lecturer (statistical analysis and Geographic Information Systems)
- Main activities and responsibilities Research in the fields of spatial decision making and design of computerised tools to support policy making processes

- Dates (from – to) September 1996 – August 1997
- Name and address of employer **Technical University of Zvolen, Slovakia, Institute for Forest Management and Geodesy**

- Type of business or sector
- Occupation or position held

University department with ca. 40 employees
 Researcher and lecturer

OTHER WORK EXPERIENCE

Contractual lecturer at the University of Milan; University of Bologna; University of Padova; University Ca' Foscari Venice, Venice International University, the Abdus Salam International Centre for Theoretical Physics, Renmin University Beijing, Mediterranean Agronomic Institute of Bari (MAIB) and others.

EDUCATION AND TRAINING

- Dates (from – to)
- Name and type of organisation
- Principal subjects/ skills covered
- Title of qualification awarded

Sept 1997 – Dec 2000
 University of Göttingen (Germany), Faculty for Forestry Science and Ecology
 Decision Support Systems, Decision Analysis, Geographic Information Science/Systems, Policy analysis, Environmental and Resource economics, Ecological economics
 PhD

- Dates (from – to)
- Name and type of organisation providing education and training
- Principal subjects/skills covered
- Title of qualification awarded

Sept 1990 – June 1996
 Technical University of Zvolen (Slovakia)
 Forestry science and management, specialization in Environmental Economics and Natural Resource Management, Operational Research
 MSc.

- Dates (from – to)
- Name and type of organisation providing education and training
- Principal subjects/occupational

Sept 1994 – June 1995
 University of Göttingen (Germany), Faculty for Forestry Science and Ecology
 Valuation of forestry resources

AWARDS

2009 Fellow of the International Society for Environmental Modelling and Software iEMSS (www.iemss.org). 2008 Outstanding Reviewer Award 2008 from the Environmental Modelling & Software Journal. In 2006 I was awarded the Early Career Excellence Prize from the International Society for Environmental Modelling and Software iEMSS (www.iemss.org). I have received individual research and/or travel grants from the EU Marie Curie Action programme, EU Tempus mobility programme, European Science Foundation (ESF), German Academic Exchange Service (DAAD) and other institutions.

PERSONAL SKILLS AND COMPETENCES.

MOTHER TONGUE

SLOVAK, CZECH

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

ENGLISH	German	Italian
C2	C2	C2
C2	C2	C2
C2	C2	C2

ORGANISATIONAL SKILLS AND COMPETENCES

I am a member of the Scientific Committee of the European Environmental Agency (EEA) (2020-2023), a member of the UNDRR European Science and Technology Advisory Group (E-STAG) (since 2018), and a member of the Expert Group on slow-onset events (SOE) (2021-2023) of the Executive Committee of the UNFCCC Warsaw International Mechanism on Loss and Damage (L&D).

I am involved and actively contribute to the Technical Expert Network on Catastrophe Risks of the European Insurance and Occupational Pensions Authority (EIOPA), the Future Earth's Knowledge Action Network on Emergent Risks and Extreme Events (www.risk-kan.org), the Ecosystems for Adaptation and Disaster Risk Reduction network (pedrr.org), INFORM Global Risk Index consortium (<https://drmkc.jrc.ec.europa.eu/inform-index>), and the EEA's Topic Centre on Climate Change impacts, vulnerability and adaptation (ETC-CCA).

I am member of the editorial board of the journal Climate Services (since 2019) and served on March 30th, 2021

boards of other journals: *Water Economics and Policy* (2013-2015, World Scientific), and *Environmental Modelling and Software* (2008-2011, Elsevier). Over 2006-2010, I acted as a member of the EU Advisory Group for the Programme "People", one of the four research programmes under the EU Framework Programme Seventh (FP7). Previously, I acted as a chair of the Marie Curie Fellows Association.

TECHNICAL SKILLS
AND COMPETENCES

Broad knowledge in computer science, image processing (Photoshop, Illustrator, Corel Draw) and software developing skills (Python and R). Good knowledge of widely used GIS platforms especially ESRI products (ArcGIS) but also Grass, Geomedia, Idrisi. Working knowledge with specific modelling and statistical tools such as Stella, Statistica, SPSS, Mathematica, Decision Explorer, and more.

DRIVING LICENCE(S)

A1, A, B, M, L