

## **Davide Geneletti – Curriculum vitae**

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## 0. Prospetto sintetico (major research achievements)

- **Valore più alto** per l'indicatore "Numero di articoli in riviste di fascia A normalizzati", **più alto numero di articoli** e **più alto numero di citazioni** (Scopus<sup>1</sup>) tra gli tutti gli abilitati alla I e II fascia nel settore "08/F1 - Pianificazione e Progettazione Urbanistica e Territoriale"
- Beneficiario di research fellowship da **Harvard University** (*Mid-career Research Fellow Sustainability Science Program*) e visiting researcher grants da Murdoch University (Western Australia) e altri quattro istituti in Europa, America e Asia
- Visiting scientist presso **Stanford University** (Woods Institute for the Environment)
- PI per UNITN in **9 progetti di ricerca** internazionali, di cui 7 finanziati dalla **Commissione Europea** (3 nel programma Horizon2020)
- Ruoli di responsabilità in un totale di **15** (e partecipazione a un totale di **20**) **progetti di ricerca** finanziati con bandi competitivi
- **26 relazioni su invito/keynote** a convegni e workshop internazionali
- Supervisione/co-supervisione di **19 tesi di dottorato** e partecipazione a **7 commissioni di dottorato presso università estere**.
- **Editor-in-Chief** of the Journal of Environmental Assessment, Policy and Management e **Associate editor/Editorial Board member** di altre 9 riviste internazionali (tra cui 4 di classe A per il settore 08/F1; 7 indicizzate almeno su Scopus e 2 do recente istituzione)
- Advisor e consulente su temi inerenti l'attività di ricerca per: **United Nations Environment Program, UN-Habitat, World Health Organisation, European Commission**
- Co-fondatore della **start-up di ricerca** -Skopia, specializzata in ricerca applicata basata sulle scienze dell'anticipazione
- Profilo bibliometrico (Scopus): **120 articoli; 2125 citazioni; h index: 27**

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<sup>1</sup> Elaborazioni mie basate sulle informazioni pubblicate sul portale ASN

## 1. Profilo

### Contact Information

Name: Davide Geneletti

Current Position: Associate Professor, Dept. of Civil, Environmental and Mechanical Engineering, University of Trento

Date of birth: 28 September 1972

E-mail: [davide.geneletti@unitn.it](mailto:davide.geneletti@unitn.it); Website: [www.planningfores.com](http://www.planningfores.com)

### Research field

Spatial planning; ecosystem services; Environmental Impact Assessment, Strategic Environmental Assessment; multicriteria analysis and environmental decision-making. Specific recent interests include; ecosystem-based climate adaptation strategies; ecosystem services in urban and landscape planning; impact assessment of nature-based solutions and equity in land-use planning.

### Higher Education

2002 PhD, Vrije Universiteit Amsterdam. Thesis: Ecological evaluation for environmental impact assessment

1999 Post-graduate Certificate in Digital Image Processing of Remotely Sensed Data, International Institute for Aerospace Survey and Earth Sciences (ITC), The Netherlands

1997 Master degree (*laurea*) (cum laude) in Environmental Sciences, Università di Milano

### Academic record

2014-Present Associate Professor, University of Trento

2010-2011 Mid-career Research Fellow, Sustainability Science Program, Harvard University

2006-2014 Assistant Professor, Faculty of Engineering, University of Trento

2004- 2006 Adjunct Professor, Environmental planning and assessment, Faculty of Engineering, University of Trento

2002-2004 Post-doc fellow and Adjunct Professor of Environmental planning and assessment, Faculty of Engineering, University of Trento

2002 Research Fellow, Department of Environmental Sciences, University of Milano-Bicocca

1998- 2002 PhD Fellow/Young researcher, Free University of Amsterdam and International Institute for Aerospace Survey and Earth Sciences, The Netherlands

1997-1998 Research Assistant, Department of Earth Sciences, University of Modena

### Bibliometric data (on 10.06.18)

- **Scopus:** 120 documents; 2,125 citations; h index: 27 (Author ID: 6603147495)
- **ISI:** 104 documents; 1,461 citations; h index: 23 (Researcher ID: D-5266-2014)
- **Google scholar:** 257 documents; 3,856 citations; h index: 34  
(<https://scholar.google.com/citations?user=hjd6REkAAAAJ&hl=en>)

## 2. Attività di tipo organizzativo e di servizio

- Vice-coordinatore Collegio di Area Didattica in Ingegneria per l'Ambiente ed il Territorio (2017-)
- Membro del Gruppo di Autovalutazione del Collegio di Area Didattica in Ingegneria per l'Ambiente ed il Territorio (2017-)
- Membro del Comitato Esecutivo del Corso di Dottorato in Ingegneria Civile, Ambientale e Meccanica (2013-)
- Commissione per l'internazionalizzazione (doppia laurea, Erasmus, progetti, etc) del Consiglio di Area Didattica in Ingegneria per l'ambiente e il territorio (6/2006 - 3/2011)
- Membro del Collegio dei docenti della Scuola di Dottorato in Ingegneria Ambientale/ Ingegneria Civile, ambientale e meccanica (2006-)

## 3. Relazioni su invito e keynote

### a) Invited talks and keynotes at international workshops and conferences (fully funded by host) :

1. Invited presentation at "EU High-level Conference Green Cities for a Greener future", European Commission. Title: "Nature in the city", Brussels, 22-24 May, 2018.
2. Invited presentation at the workshop "Green Infrastructure and Restoration", European Commission, DG Environment. Title: "Guidance documents on ecosystem services mapping and assessment for policy and decision-making", Brussels, 31.01-01.02 2018
3. Invited presentation at the workshop "Ecosystem services in impact assessment, planning and management – Current trend and future directions", Murdoch University. Title: Ecosystem services and impact assessment of urban plans". Murdoch, Western Australia, 12 May 2017.
4. Invited presentation at the "EU technical workshop on knowledge base and spatial and technical data for green infrastructures and restoration", European Commission, DG Environment. Title: Strategic planning of green infrastructure and restoration in cities. Brussels, 24-15 October 2016.
5. Invited presentation at the international seminar "Providing Nature-based solutions for sustainable development", Malta College of Arts, Science and Technology. Title: Nature-based solutions for urban challenges". Paola, Malta, 16 June 2016.
6. Invited presentation at the seminar "Geodesign for Planning Support Systems: Ecosystem services assessment and evaluation", University of Naples Federico. Naples, 26 May 2016.
7. Invited presentation at the Sustainability Science Symposium, Harvard Kennedy School, Harvard University. Title: What are the principal tradeoffs between human well-being and the natural environment, on what temporal and spatial scales do these tradeoffs matter? Cambridge, MA, USA, May 20-21, 2016
8. Key note speech at the "Annual Meeting of Operationalisation of Natural Capital and Ecosystem Services". Speech title: Ecosystem services for impact assessment processes. Leipzig, Germany (26-28 April 2016)
9. Invited presentation at the international workshop "Modelling and mapping of ecosystem services for regional planning". Title: Ecosystem services in spatial planning and impact assessment. Garmisch, Germany (17-18 March 2016)

10. Invited presentation at the international workshop "Mapping and Assessment of ecosystem services in enlargement countries", organized by Joint Research Centre of the European Commission. Ispra, Italy. Title: Mapping and assessing ecosystem services to support urban planning in Trento, Italy (January 2016)
11. Invited presentation at the international workshop "Using ecosystem service assessments to change things in the real world", organized by Helmholtz Centre for Environmental Research and GIZ. Frankfurt, Germany (November 2014)
12. Key note speech at the "International conference RegioResources 21-2014 A cross-disciplinary dialogue on future perspectives for a sustainable development of regional resources". Katowice, Poland (September 2014).
13. Invited presentation at the International workshop "High Level Policy Dialogue on Mainstreaming Natural Capital into Sustainable Development: Moving environment to the center stage", organized by the United Nations Environment Programme. Hanoi, Vietnam (May 2014).
14. Key note speech at the "International conference RegioResources 21-2013 A cross-disciplinary dialogue on future perspectives for a sustainable development of regional resources". Catania, Italy (September 2013).
15. Invited presentation at the Information and Capacity Exchange Workshop organized by the UNEP Project for Ecosystem Services. San Pedro de Atacama, Chile (via skype) (May 2013).
16. Invited presentation at the International Conference "Biodiversity and ecosystem services in impact assessment", International Association for Impact Assessment. Washington DC, USA (February 2013). *(Nota: questa relazione su invito non ha previsto il rimborso delle spese).*
17. Invited presentation at the workshop "Generazione e valutazione delle alternative nei processi di valutazione ambientale", organized by the Italian Ministry for the Environment, Bari, Italy (October, 2012).
18. Invited presentation at the "International workshop on Linking policy impact assessment and sustainability expertise", organized by the LIAISE Network of Excellence. Villa Vigoni, Italy (October 2012).
19. Invited presentation at the "Synthesis workshop on Qualities, Vulnerabilities and Management of Ecosystem Services in Mountain Regions Worldwide", organized by the University of Bern, Mountain Research Initiative. Grosshöchstetten, Switzerland (September 2012).
20. Invited presentation at the "International Scientific Workshop Energy Landscapes – integrating multiple criteria for planning and decision making", organised by KTH Royal Institute of Technology. Stockholm, Sweden (August 2012).
21. Invited presentation at the "International Workshop on Mainstreaming Ecosystem Services into Development Policy: Approaches and Opportunities", organised by the United Nations Environmental Programme. Port of Spain, Trinidad and Tobago (May 2012).
22. Invited presentation at the "European Geosciences Union General Assembly 2012". Vienna, Austria (April 2012). *(Nota: questa relazione su invito non ha previsto il rimborso delle spese).*
23. Invited presentation at the International Seminar "III Seminario Internacional sobre Ordenación del Territorio", organized by the Catholic University of Temuco. Temuco, Chile (May 2010).
24. Invited presentation at the Conference "Indicators of environmental sustainability in transport. Final Conference", European Cooperation in Science and Technology. Paris, (March 2010).

25. Invited presentation at the “Consultation meeting on Strategic Environmental Assessment and Health”, organized by the World Health Organization (WHO). Rome (June, 2009).
26. Invited presentation at the International seminar on “Percepción Remota, el espacio y las oportunidades de desarrollo social”, organized by SERCOTEC, Santiago de Chile (March 2008).

**b) Invited lectures**

1. Politecnico di Milano. Open lecture: Green infrastructures and spatial planning: Recent experiences and innovative approaches. Milano, 13 November 2017.
2. Australian Urban Design Research Centre (University of Western Australia). Lecture title: Planning and designing green space in cities to provide ecosystem services. Perth, 24 May 2017.
3. Murdoch University, Western Australia, MSc degree in Environmental Policy and Management. Lecture: An introduction to ecosystem services and their assessment. 9 May 2017
4. Murdoch University, Western Australia, MSc degree in Environmental Assessment. Lecture: Introduction to multicriteria analysis for impact assessment. 28 April 2017.
5. Training Centre for International Cooperation-OECD, Itay: Summer School on Community and Local Development. Lecture: Ecosystem services for local community development (August, 2016)
6. Environmental Assessment and Management Research Centre, University of Liverpool. Title: Alternative comparison and problem framing in impact assessment. Liverpool, UK (12 April, 2016)
7. Finnish Environment Institute (SYKE), Helsinki. Title: Ecosystem-based adaptation in urban planning and impact assessment (August 2015)
8. Universidad Católica de Temuco, Chile (January, 2010)
9. Swedish University of Agricultural Sciences. Uppsala, Sweden (September 2009).
10. Royal Institute of Technology (KTH). Stockholm, Sweden (September 2009).
11. Pontificia Universidad Católica de Chile. Villarrica, Chile (May 2009)
12. Universidad de Alcalá de Henares, Spain (December 2007)
13. Universidad Politécnica de Catalunya. Barcelona (April 2006).
14. International Islamic University of Malaysia. Kuala Lumpur, Malaysia (July 2006)
15. University of Technology, Malaysia. Johor Baru, Malaysia (August 2006)
16. Universidad Nacional Autónoma de México (March 2005)
17. Universidad Politécnica de Catalunya. Barcelona (April 2005).
18. Faculty of Geography of the University of La Habana. La Habana, Cuba (June 2005)
19. El Colegio de la Frontera Sur. Campeche, Mexico (2003).

#### 4. Attività di ricerca e didattica presso altri atenei

##### a) Research positions with formal appointment and fully funded by host institutions

1. **Murdoch University**, Western Australia (6 months, January-July 2016): “Visiting Fellow” at the School of Veterinary and Life Sciences (Environmental Sciences and Conservation)
2. **Finnish Environment Institute (SYKE)** (1 month, August 2015): “External Researcher” at the Environmental Policy Centre
3. **Stanford University** (2 months, July-August 2014): “Visiting scientist” at the Woods Institute for the Environment (*Note: this position was not funded by Stanford University*).
4. **Harvard University** (10 months, Sept. 2010-July 2011): “Research fellow” in the Sustainability Science Program
5. **Catholic University of Temuco** (2 weeks in May 2010): Appointed as “International scientific advisor” to work on the research project “*Efectos antrópicos sobre el paisaje costero de la Araucanía*” at the Laboratory of Territorial Planning.
6. **Pontificia Universidad Católica de Chile** (1 month, January-February 2010): Appointed as “Visiting Professor” in the Villarrica Campus.
7. **International Islamic University of Malaysia** (2 months, July and August 2006): Appointed as “Visiting associate professor” at the Faculty of Architecture and Environmental Design.

##### b) Research/teaching positions funded by international exchange programmes

1. Malta College of Arts, Science and Technology, (10 days, June 2016): Erasmus+ Teaching Staff Mobility
2. Royal Institute of Technology (KTH, Sweden) (August-September 2009): Visiting professor (LLP Programme) at the Department of Land and Water Resource Engineering.
3. University of La Habana (2 weeks in June 2005): Visiting scientist at the Faculty of Geography.
4. Geological Survey of Canada (Natural Resources Canada (February-April 2001): visiting fellows at the Division of Earth Sciences and Geoinformation.

##### c) Teaching activity in other institutions

1. Contract Professor in the PhD programme of the Thule Institute, University of Oulu (Finland). Teaching unit: Spatial Multicriteria Analysis for Environmental Decision-making (January 21-23 2015)
2. Contract Professor for the following short courses internationally:
  - a. Decision support systems for environmental decision-making, Centro Andaluz de Medio Ambiente, Granada, 28-30 September 2009
  - b. Decision support system for spatial planning, Summer school in Spatial Decision Support Systems for Tourism Planning, University of Bologna, Rimini, September 2007, 2008 and 2009
  - c. Multicriteria analysis for environmental assessment and planning, International Islamic University of Malaysia, Kuala Lumpur, August 16-18 2006

- d. Decision support systems for environmental decision-making”, Instituto de Geografía, UNAM, Mexico City, 3-7 April 2006
  - e. Multi-criteria Analysis for Spatial Planning and Decision Making”, International Islamic University of Malaysia, Kuala Lumpur, August 22-26 2005
  - f. Advanced course on Spatial Decision Support Systems, Universidad Autonoma de Morelos, Cuernavaca, February 2005
  - g. Spatial Decision Support Systems, Universidad Autonoma de Morelos, Cuernavaca, February 2004
  - h. Decision Support Systems and GIS for environmental management, Autonomous University of Queretaro, Queretaro, March 2003
  - i. GIS and decision support for environmental tourism planning, Autonomous University of Guerrero, Acapulco, October 8-12 2001.
3. Contract Professor of the module (30 hours) “Environmental Impact Assessment”, Master in Environmental Management of the Mountain Areas, Free University of Bozen (2017/18)
  4. Contract Professor of the module (30 hours) “Landscape Planning”, Master in Environmental Management of the Mountain Areas, Free University of Bozen (from 2014/15 to 2017/18)

## 5. Premi e riconoscimenti ricevuti

1. “Giorgio Ruffolo Mid-Career Fellowship in Sustainability Science”, Harvard University (2010-2011)
2. Visiting research grants at Murdoch University (2017), Finnish Environment Institute (2016), Catholic University of Temuco (2010), Pontificia Universidad Catolica de Chile (2010), International Islamic University of Malaysia (2006) (see details under point 4a)
3. Appointed Visiting professor at the Interdisciplinary Research Centre for integrated regional development National Polytechnic Institute of Mexico (2009-10) (the appointment did not involve visits, but supervision of research activities)
4. Selected as Seconded National Expert at the Institute for Environment and Sustainability, Joint Research Centre (JRC) of the European Commission (2009) (position not accepted for personal reasons).
5. Grant for 'High-level lectures' - Secretariat of Foreign Affairs of the Mexican Government (2006).
6. Grant for 'High-level lectures' - Secretariat of Foreign Affairs of the Mexican Government (2004).
7. Grant for 'High-level lectures' - Secretariat of Foreign Affairs of the Mexican Government (2003).
8. Young author award (Premio giovani autori), IV Conferenza Nazionale ASITA "Informazione innovazione e formazione", Genova (2000).

## 6. Ruoli in comitati editoriali

- **Editor-in-chief:** Journal of Environmental Assessment Policy and Management (June 2016-) (Scopus indexed)
- **Deputy Editor-In-chief** (and co-founder): One Ecosystems. Ecology and Sustainability Data Journal (2016-)
- **Associate Editor:**



- Impact Assessment and Project Appraisal (2015-2016) (ISI indexed)
- Change and Adaptation in Socio-Ecological Systems (2014-16)
- **Co-Editor** (2016-2018) and **Senior Editor** (2018-): Change and Adaptation in Socio-Ecological Systems
- **Book review Editor:** Impact Assessment and Project Appraisal (2011-2015) (ISI indexed)
- **Editorial Board Member:**
  - Land Use Policy (2016-) (ISI indexed, *Classe A settore 08/F1*)
  - Journal of Biodiversity Science, Ecosystem Services & Management (2016-) (Scopus indexed)
  - Landscape and Urban Planning (2014-) (ISI indexed, *Classe A settore 08/F1*)
  - Environmental Impact Assessment Review (2007-) (ISI indexed, *Classe A settore 08/F1*)
  - Sustainability (Board member for Section 'Sustainable Urban and Rural Development') (2018-) (ISI indexed, *Classe A settore 08/F1*)
  - Impact Assessment and Project Appraisal (2011-) (ISI indexed)
  - Journal of Environmental Assessment Policy and Management (2009-) (ISI indexed)
  - Planning Malaysia Journal (2008-) (Scopus indexed)
- **Guest Editor of special issues:**
  - Qualitative Methods for Eliciting Judgements for Decision Making, Special Feature for the journal "Methods in Ecology and Evolution" (with William Sutherland, Mark Everard, Lynn Dicks) (2018)
  - Ecosystem services supporting integrative natural resource management, Special issue for the International Journal of Biodiversity Science, Ecosystem Services & Management (with S. Luque, C. Fürst and G. Martínez Pastur) (2018)
  - Nature-based solutions for urban challenges, Special issue for Sustainability (2017)
  - Sustainable Planning Approaches for Urban Peripheries (with D. La Rosa, M. Spyra and C. Albert), Special issue for Landscape and Urban Planning (2017)
  - Pianificazione Territoriale e Processi Ecologici (with Vincenzo Cribari), Special Issue for Sentieri Urbani, issue 19 (2016)
  - Developing and Applying Ecosystem Services Indicators in Decision-Support at Various Scales (J. Hauck, C. Albert, C. Fürst, D. La Rosa, C. Lorz, M. Spyra), Special issue for Ecological Indicators (2015)
  - Integration of ecological processes in land-use planning by using the concept of ecosystem services (with C. Fürst et al.), Special issue for Ecological Processes (2016)
  - Ecosystem services in EIA and SEA, special issue for Environmental Impact Assessment Review, Issue 40 (2013)
- **Referee** for over 30 different scientific journals (ISI and/or Scopus indexed) and 3 book publishers

## **7. Ruoli in accademie scientifiche e organizzazioni/reti di ricerca/enti e società scientifiche**

### **a) Scientific committees, advisory boards and the like**

1. Member of the Task Force "Nature-based solutions Impact Evaluation Framework", European Commission DG RTD and EASME (2017-)
2. Member of the Expert Working Group on Nature-based Solutions to Promote Climate Resilience in Urban Areas. EKLIPSE Project (EC, Horizon 2020)
3. Member of the Scientific Committee of the 2017 Italia Report on Land Take (Centro di Ricerca sui Consumi di Suolo, Rapporto 2017)
4. Member of the Science-Policy-Business Think tank of AQUACROSS (Ensuring the provision of aquatic ecosystem services), Project funded by the EU Horizon 2020 Programme: (2016-)
5. Member of the Steering Committee of the Ecosystem Services Partnership: (2014-)
6. Member of the European Nodal Office of the Global Land Project (<http://www.globallandproject.org/>): (2013-)
7. Member of the International Advisory Board of OpenNESS (Operationalisation of Natural Capital and Ecosystem Services), Project funded under the EU 7th Framework Programme (2015-2018)
8. National Network Leader for Italy of the Ecosystem Services Partnership: (2013-)
9. Lead Team member of the Thematic Working Group "Applications of ecosystem services in planning and management" of the Ecosystem Services Partnership (2015-)
10. Lead Editor of the Multicriteria analysis area for the LIAISE- EC FP7 Network of Excellence (Linking Impact Assessment Instruments to Sustainability Expertise) (2012-)
11. Resource person to advise on ecosystem services and land use planning for the United Nations Environment Programme (UNEP) (ProEcoServ project) (2012)
12. Member of the Scientific Committee of the UNESCO Chair in Engineering for Human and Sustainable Development (University of Trento)
13. Member of the Scientific Committee of the Italian Chapter of the International Association for Impact Assessment (2011-)
14. International Union for Conservation of Nature (IUCN):
  - a. Member of the Commission on Ecosystem Management (2010-)
  - b. Member of the CEM Climate Change Adaptation Thematic Group 2013-2016
  - c. Member of the CEM Ecosystem Services Thematic Group 2013-2016
15. Honorary adviser for the on the integration of health into Strategic Environmental Assessment for the World Health Organization (WHO) (2009)

### **b) Referee for research councils and research institutions**

1. Irish Research Council: Scientific reviewer of research proposals submitted to the Marie Skłodowska-Curie Actions COFUND Programme "CAROLINE" (2017)
2. BiodivERsA ERA-Net: Scientific external reviewer of research proposals (2016)
3. Social Sciences and Humanities Research Council of Canada (SSHRC): Evaluation of applications submitted to the Insight Grants programme (2016)
4. Evaluation of Research Quality (2011-14), Italian Ministry of Education, University and Research: Referee (2016)

5. Japan International Cooperation Agency Research Institute (JICA-RI): Expert reviewer for research papers (2015 and 2018)
6. Swiss Federal Institute of Technology Zurich (ETH): Evaluation panel member (2014)
7. Universidad Católica de Temuco, Chile: Evaluation panel member (2014)
8. Research and Higher Education Academy, Belgium: Project reviewer for proposals in the field “Sustainable development” (2014)
9. European Commission, Expert for Horizon 2020 proposal evaluation (2013)
10. International Institute for Applied Systems Analysis, Austria: International referee for the “Peccei & Mikhalevich” Awards (2013)
11. Italian Ministry of Education and Research (MIUR): Project reviewer (2013)
12. European Cooperation in Science and Technology (EU-COST): Project evaluator for trans-domain research proposals (2013)
13. Czech Science Foundation: Project reviewer (2013)
14. Research Foundation – Flanders: Project reviewer (2013)
15. National Research Council of the Romanian Government: Expert Reviewer (2012)
16. ESPON 2013 Programme (European Observation Network for Territorial Development and Cohesion, European Union): Evaluator and monitoring of applied research projects (2010-2011)
17. National Commission of Technological and Scientific research (Chile): Project evaluator (2010, 2011)
18. National Autonomous University of Mexico: Member of the evaluation committee to grant tenure status to senior researchers (2010)

### **c) Roles in PhD Committees**

1. AgroParisTech, Doctoral School ABIES (Agriculture Food Biology Environment Health): External examiner of the PhD dissertation of Mr Giacomo Fedele (2017)
2. Polytechnic University of Milan, PhD Course in Urban Planning, Design and Policy: External examiner of the PhD dissertation of Ms Silvia Ronchi (2017)
3. North-West University, Faculty of Natural Sciences (South Africa): External examiner for PhD dissertation on environmental assessment (2016)
4. University of Catania, Department of Civil Engineering and Architecture (Italy): External examiner of the PhD dissertation of Ms Viviana Pappalardo (2016)
5. Swedish Agricultural University (Sweden): “Opponent” for the defence of the PhD dissertation of Mr. Anu Korosuo (2013)
6. Aalborg University (Denmark): Member of the Evaluation Committee of the PhD dissertation of Ms. Jingjing Gao (2013)
7. Royal Institute of Technology (Sweden): “Opponent” for the defence of the PhD dissertation of Mr. Mikael Gontier, (2008)
8. University of Alcalà de Henares (Spain): Member of the Evaluation Committee of the PhD dissertation of Mr. Luis Cayuela (2006)
9. University of Santiago de Compostela (Spain): Member of the Evaluation Committee of the PhD dissertation of Ms. Ines Sante Riveira (2005)

## 8. Ruoli organizzativi in conferenze internazionali

### a) Chair, co-chair, scientific committee membership

1. Member of the Scientific Committee of the 10th International Conference on Innovation in Urban and Regional Planning: Environmental and territorial modelling for planning and design, Viterbo, September 5 - 8, 2018.
2. **Chair** of the Workshop "VII ESMERALDA WORKSHOP: "Testing Ecosystem services mapping and assessment methods in policy- and decision-making". Trento, January 22-25 2018
3. Member of the Advisory Sub-Committee of the Conference IAIA 2017: Impact assessment contribution to the global efforts in addressing climate change, Montreal, QC, Canada | 4-7 April 2017
4. Member of the Scientific Committee of the IUFRO Landscape Ecology Conference, MLU Halle Wittenberg, September 24 - 29, 2017
5. Member of the Review Committee of the Urban Transitions Global Summit 2016, Shanghai, 5-9 September 2016
6. Member of the Scientific Committee (Reviewer) of the International Conference on Architecture and Built Environment, Kuala Lumpur, 5-6 October 2016
7. Member of the Scientific Committee of the 2nd International Conference of IALE-Iran. Isfahan, Iran, 26-27 October 2016
8. Member of the Scientific Committee and Technical Program Team of the Conference IAIA2015: Impact Assessment in the Digital Era. Florence, 20-23 April 2015.
9. Member of the Scientific Committee of the Conference "Recuperiamo terreno. Politiche, azioni e misure per un uso sostenibile del suolo", Milano, May 2015.
10. Member of the Scientific Committee of the Conference " - RegioResources 21 -2014 A cross-disciplinary dialogue on future perspectives for a sustainable development of regional resources (Katowice, Poland, September 2014).
11. **Co-chair** of the Conference Managing visitor access to natural and protected areas: Challenges, strategies, opportunities. Trento, 22 May 2014
12. **Chair** of the Workshop on Scale issues in planning for ecosystem services. Trento, 14 April 2014
13. Member of the Program Team of the III Coloquio Internacional en Geografía Ambiental "Evaluación del territorio para objetivos y escalas múltiples", Centro de Investigaciones en Geografía Ambiental, Universidad Nacional Autónoma de México, Morelia, Michoacán, 21- 24 March 2012

### b) Instructor of trainer courses held at international conferences

1. "Integrating ecosystem services in impact assessment for policy support", Training session, European Ecosystem Services Conference: Helping nature to help us (Antwerp, Belgium, 19-23 September 2016),
2. "Multicriteria analysis for environmental impact assessment of projects and plans", Pre-conference training course, 35rd Annual meeting of the International Association for Impact Assessment -IAIA 2015 Florence, April 20-23, 2015.

3. "Multicriteria analysis for environmental impact assessment of projects and plans", Pre-conference training course, 33rd Annual meeting of the International Association for Impact Assessment -IAIA 2013 Calgary, May 11-12, 2013.
4. "Theory and practice of multicriteria analysis for environmental impact assessment of projects", Pre-conference training course, 32nd Annual meeting of the International Association for Impact Assessment, Porto, May 27-28 2012.
5. "Multicriteria analysis for environmental impact assessment of projects and plans", Pre-conference training course, 31st Annual meeting of the International Association for Impact Assessment, Puebla, May 29 2011.
6. "Multicriteria analysis for Landscape Ecology and Impact Assessment", Pre-conference training course, International Association for Landscape Ecology World Congress, Wageningen, 8 July 2007.

### c) Session chair at international conferences

Session chair at a number of international conferences. Recently at:

- IALE 2017 European Landscape Ecology Congress: From pattern and process to people and action. Session title: Landscape planning and Nature-based solutions. Ghent, 12-15 September, 2017
- IAIA 2017: Impact assessment contribution to the global efforts in addressing climate change, Montreal, QC, Canada ? 4-7 April 2017
- European Ecosystem Services Conference: Helping nature to help us (Antwerp, Belgium, 19-23 September 2016)
- Ecosummit 2016: Ecological Sustainability: Engineering Change (Montpellier, 29 August-1 September 2016)
- 8th ESP World Conference: Ecosystem services for nature, people and prosperity (Stellenbosch, 9-13 November 2015)
- Sustaining ecosystem services in forest landscapes. IUFRO Landscape Ecology Conference (Tartu, 23-30 August 2015)
- Impact Assessment in the Digital Era (Florence, 20-23 April 2015)
- RegioResources 21 -2014 A cross-disciplinary dialogue on future perspectives for a sustainable development of regional resources (Katowice, Poland, September 2014).
- Special Symposium on Biodiversity & Ecosystem Services in Impact Assessment (Washington DC, 2013).
- Impact Assessment: The next generation-33rd annual conference of the International Association for Impact Assessment (Calgary, 2013).
- RegioResources 21 -2013 A cross-disciplinary dialogue on future perspectives for a sustainable development of regional resources (Catania, 2013).
- 32nd Annual Conference of the International Association for Impact Assessment (Porto, 2012).
- Making an impact? - Special conference on Strategic Environmental Assessment (Prague, 2011)

## 9. Progetti di ricerca

### a) Ruoli di responsabilità in progetti di ricerca finanziati sulla base di bandi competitivi

1. **European Commission – Horizon 2020** Coordination and Support Action, RENATURE: promoting Research Excellence in NAture-based soluTions for innovation, sUustainable economic GRowth and human wELL-being in Malta, PI for UNITN, 36 months (2018-2021), € 995,885 (own share: € 135,000)
2. **European Commission – DG Environment Action**, MOVE: Facilitating MAES to support regional policies in overseas Europe: Mobilizing stakeholders and pooling resources, PI for UNITN, 36 months, 2018-2021, € 1 million (own share: € 54,436)
3. **European Commission - Horizon 2020** Innovation Action, InnoForESt: Smart information, governance and business innovations for sustainable supply and payment mechanisms for forest ecosystem services, Principal Investigator (PI) for UNITN, 36 months (2017-2020), € 4.2 million (own share: € 310,500)
4. **European Commission - Horizon 2020** Coordination and Support Action, ESMERALDA: Enhancing ecosystem services mapping for policy and decision making, Principal Investigator (PI) for UNITN, 36 months (2015-2018), € 3 million (own share: € 207,500)
5. **European Commission – Europe Aid**: Cross-cutting development education into technology studies (Number of proposal: DCI-NSAED/2011/63) (24 months, 2013-2015). WP leader (overall budget: € 619.000.)
6. **European Commission - FP6 INCO-DEV**: Restoration of forest landscapes for biodiversity conservation and rural development in the drylands of Latin America (36 months, 2007- 2009). PI for UNITN (personal share: € 142,980)
7. **European Commission - Marie Curie Action**: EASY-ECO 2008-2010 Evaluation of Sustainability European Conferences and Training Courses, 2008-2010, co-PI for UNTN (42 months, personal share: € 42,157)
8. **European Commission - ASEAN-EU AUNP Programme**: Expanding Expertise Network for generating and sharing knowledge related to Spatial Planning And Decision Support (ENSPADS), 2004-2005; co-PI for UNTN (24 months, personal share: € 18.654).
9. **University of Trento** – Internal Research Grants, CLIMAWARE: CLIMatic change impacts on future Availability of WAtER REsources and hydro- geological risks, Task leader, 18 months (2015-2016), overall budget € 200,000
10. **Autonomus Province of Trento- Marie Curie – COFUND** – Progetto “Trentino” Researcher outgoing: Integrating ecosystem services in strategic environmental assessment of spatial plans (Nota: Primo classificato nella “Call 2009”, (budget € 39,600). Project leader. Nota: *Finanziamento non accettato a causa della concomitanza con la Fellowship vinta presso Harvard University.*
11. **Chilean Economic Development Agency** – Innova Programme: Agenda de innovación de destino turistico sostenible con identidad para el territorio andino lacustre Curarrehue, 2008-2009. PI for UNITN (personal share: € 3,400)
12. **Chilean Economic Development Agency** – Innova Programme: Diplomado en Diseño y Gestión de Turismo Sustentable para el Desarrollo Local, 2008-2009. PI for UNITN (personal share: € 6,800)

- 13. European Cooperation in Science and Technology:** COST Action TU0902 Integrated assessment technologies to support the sustainable development of urban areas, 2010-2014. Management Committee Member (budget managed by Project leader)
- 14. National Council on Science and Technology of Mexico** - Project no. 179386: Evaluación de la importancia relativa de bosque húmedo de niebla bajo un enfoque de paisaje, 2013-2016. WP leader (budget managed by Project leader)
- 15. National Council on Science and Technology of Mexico** – Fondo Mixto Programme: Priorización de subcuencas para la conservación, restauración y el aprovechamiento de los recursos naturales en la Cuenca del Lago de Cuitzeo, 2006-2007. WP leader (budget managed by Project leader)

#### **b) Partecipazione a progetti internazionali finanziati sulla base di bandi competitivi**

- 1. National Autonomous University of Mexico** - DAGAPA-PAPIIT Programme: Dinámica espacio temporal del bosque mesófilo de montaña del Sistema Volcánico Transversal en el estado de Michoacán bajo un enfoque de paisaje, 2011-2013. Participant
- 2. European Commission** - FP5 RTD Programme: Regionet. Strategies for Regional Sustainable Development – An Integrated Approach beyond Best Practice, 2002-2004. Participant.
- 3. European Commission** - FP5 EESD: Assessment of landslide risk and mitigation in mountain areas (ALARM), 2001-2004. Participant.
- 4. European Commission** - INCO-DC Programme: Environmental indicators and indices to measure sustainable development (ELANEM), 1999-2002. Participant.
- 5. European Commission** - TM&R Programme: A European Research Network on the Application of Geomorphology and Environmental Impact Assessment of Transportation Systems (GETS), 1998-2001. Participant.

#### **c) Ruoli di responsabilità in attività di ricerca finanziati in conto terzi**

- 1. Museo Tridentino di Scienze Naturali:** Applicazione di modelli GIS per la previsione degli habitat potenziali di specie animali rappresentative, 2009. Responsabile ( € 21,600)
- 2. Museo Tridentino di Scienze Naturali:** Studio dell'impatto delle attività turistico-ricreative sulla fauna, 2008. Responsabile ( € 18,000)
- 3. Museo di Scienze (MUSE):** Analisi dei servizi ecosistemici come elementi di supporto al disegno della rete ecologica trentina, 2012. Responsabile ( € 6,000)

## 10. Relatore di tesi di dottorato

### a) As main supervisor:

1. Parenivel Pillay Mauree, Open University of Mauritius. PhD topic: Sustainable spatial planning in Mauritius (on-going)
2. Chiara Cortinovis, University of Trento. PhD title: Integrating ecosystem services in urban planning (2018)
3. Linda Zardo, University of Trento. PhD thesis: Analyzing ecosystem services and green urban infrastructures to support urban planning (2017)
4. Blal Adem Esmail, University of Trento. PhD topic: Water infrastructures, ecosystem services and spatial planning (2016)
5. Parveen Kumar, University of Trento. PhD topic: Spatial planning and climate change adaptation (2015)
6. Lydia Lamorgese, University of Trento- PhD topic: Sustainability assessment of strategic land use decisions (2014)
7. Marika Ferrari, University of Trento. PhD topic: Integrating ecosystem services in strategic environmental assessment of land use plans (2014)
8. Chiara Bragagnolo, University of Trento. PhD topic: Treatment of cumulative effects in strategic environmental assessment (2011)
9. Francesco Orsi, University of Trento. PhD topic: Advanced spatial decision support tools for forest restoration planning (2010, Winner of the UNITN Best PhD thesis award)
10. Dorje Dawa, University of Trento. PhD topic: Environmental impact assessment of tourism in Ladakh, Indian Himalaya (2008)

### b) As co-supervisor:

11. Thomas Drobnik, Swiss Federal Institute of Technology Zurich (ETH). PhD Topic: Soil ecosystem services and spatial planning (on-going)
12. M. Madati, Isfahan University of Technology, Isfahan, Iran. Topic: Spatial Decision Support System for Quantitative Environmental Impact Assessment (2018)
13. Gemechu Shale Ogato, Addis Ababa University. Topic: Pro-Poor and Urban Floods' Resilient Planning Tools for Small Towns in Ethiopia (on-going)
14. Daniel Alejandro Rozas Vasques, University of Bonn. PhD topic: Strategic Environmental Assessment of spatial planning (2017)
15. Mauro Carolli, University of Trento. PhD topic: Planning for multi-functional river systems (2015)
16. Paolo Picchi, University of Trento. PhD topic: Energy landscapes and ecosystem services (2015)
17. Carlos Zamorano Elgueta, Universidad de Alcalá de Henares. PhD topic: Prioritising forest restoration interventions in the coastal areas of Chile (2015)
18. Alma Debora Lithgow Serrano, Instituto de Ecologia, Mexico. PhD topic: Identifying priority areas for ecosystem service restoration in the coastal region of Veracruz, Mexico (2014)
19. Rocco Scolozzi, University of Trento, PhD topic: Habitat functioning and connectivity assessment to support land-use planning (2009)



## 11. Principali attività di divulgazione scientifica, “terza missione” e di trasferimento tecnologico

- Co-founder of the start-up company Skopia ([www.skopia.it](http://www.skopia.it)). Skopia, founded in 2016, is a UNITN start-up that provides applied-research consulting bodies based on “anticipation science” to public and private bodies
- Member of the *Comitato Scientifico per le Aree Protette della Provincia Autonoma di Trento* (2017-)
- Member of the *Comitato Provinciale per l’Ambiente, Provincia Autonoma di Trento* (Environmental Impact Assessment committee) (2012-2015)
- Author of guidance documents on Strategic Environmental Assessment for two United Nations agencies: UNEP e UN-Habitat
- “Honorary adviser” per l’Organizzazione Mondiale per la Sanità e per UNEP su temi relativi alla valutazione ambientale

## 12. Consulenze per centri di ricerca e organi internazionali

- Consultant for the **European Commission**, expert contract to advice on implementation of EU research and innovation policy on "Urban Green Infrastructures Mapping and Assessment" (2017-2018)
- Consultant for **UN-Habitat** to design and deliver a Training for Trainers programme on Strategic Environmental Assessment for spatial planning in Kosovo (2015)
- Consultant for the **European Commission**, expert reviewer for Horizon 2020 proposals (2014 and 2015)
- Consultant for **Helmholtz Centre for Environmental Research GmbH - UFZ** (Leipzig / Germany) to provide a method profile on Multicriteria Analysis for the ValueES guidance manual on ecosystem services analysis (2013-2014)
- Consultant for the **United Nations Environment Programme** to prepare a manual on the Integration of Ecosystem Services in Strategic Environmental Assessment (2013-2014)
- Consultant for **UN-Habitat** to prepare a Guidance document to support the implementation of Strategic Environmental Assessment for spatial planning in Kosovo (2014)
- Consultant for **UN-Habitat** to perform Strategic Environmental Assessment of the Spatial Plan of the Bjeshkët e Nemuna National Park (2013)
- Consultant for **UN-Habitat** to perform Strategic Environmental Assessment of Municipal Development Plans in Kosovo (2013)
- Consultant for the **UK Nuclear Decommissioning Authority** to advise on multi-criteria decision analysis for site selection (2012)

## 13. Responsabilità didattiche presso Università di Trento

- *Titolare dell’insegnamento “Valutazione di impatto ambientale dei piani e dei progetti” (6 CFU), Laurea magistrale in Ingegneria per l’ambiente e il territorio (from 2010/11 to date)*
- *Titolare dell’insegnamento “Pianificazione Territoriale” (9 CFU), Laurea magistrale in Ingegneria per l’ambiente e il territorio (from 2016/17 to date)*
- *Titolare dell’insegnamento “Frameworks and tools for environmental assessment” (3 ECTS), PhD School in Environmental engineering (from 2005/06 to date, with slightly different course titles)*

- Titolare dell'insegnamento "Progettazione integrata dell'ambiente e degli insediamenti" (6 CFU), Laurea magistrale in Ingegneria per l'ambiente e il territorio (from 2010/11 to 2012/13)
- Co-titolare dell'insegnamento "Stage di progetto" (6 CFU), Laurea magistrale in Ingegneria per l'ambiente e il territorio (from 2006/07 to 2011/12)
- Titolare dell'insegnamento "Laboratorio di valutazione ambientale" (5 CFU), Laurea specialistica in Ingegneria per l'ambiente e il territorio (from 2006/07 to 2009/10)
- Titolare dell'insegnamento "Pianificazione territoriale e analisi ambientale nei Paesi in via di sviluppo" (5 CFU), Laurea specialistica in Ingegneria per l'ambiente e il territorio (from 2005/06 till 2009/10)
- Titolare dell'insegnamento "Metodi di valutazione di impatto ambientale" (5 CFU), Laurea triennale in Ingegneria del controllo ambientale (2006/07 and 2007/08)

#### 14. Docenze a contratto

- Professore a contratto dell'insegnamento "Environmental Impact Assessment", Master in Environmental Management of the Mountain Areas, Free University of Bozen (2017/18)
- Professore a contratto dell'insegnamento "Landscape Planning", Master in Environmental Management of the Mountain Areas, Free University of Bozen (from 2014/15 to 2017/18)
- Professore a contratto dell'insegnamento "Tecnica e pianificazione urbanistica", Corso di Laurea in Tecniche della Prevenzione negli Ambienti e Luoghi di Lavoro, Università di Verona (from.2007-08 till 2009-10 and 2012/13, 2015/16)
- Incarico di attività seminariale all'interno del modulo "Local environmental sustainability", MSc Programme in Comparative local development, Università di Trento (2011/12)
- Incarico di attività didattica nell'ambito del Master internazionale in Programmazione di ambienti urbani sostenibili, Università di Ferrara (2004/05 and 2005/06)
- Docenza a contratto dell'insegnamento "Metodi di valutazione di impatto ambientale", Laurea triennale in Ingegneria del controllo ambientale, Università di Trento (from 2002/03 till 2005/06),
- Docenza a contratto dell'insegnamento "Laboratorio di valutazione ambientale", Laurea specialistica in Ingegneria per l'ambiente e il territorio, Università di Trento (2005/06)
- Docenza a contratto dell'insegnamento "Analisi e valutazione ambientale", Laurea in Ingegneria per l'ambiente e il territorio, Università di Trento (2004/05)
- Incarico di attività seminariale sul tema "Sistemi di supporto alla decisione e Valutazione di impatto ambientale", Laurea in Scienze Ambientali, Università di Milano-Bicocca (2000/01)
- Incarico di attività seminariale sul tema "Valutazione di impatto ambientale", Laurea in Ingegneria per l'ambiente e il territorio, Università di Trento (2000/01 and 2001/02)

#### 15. Pubblicazioni

(vedi file allegato)