

First name(s) / Surname(s) **Daniele Vettorato**

Address(es)

Telephone(s)

e-mail

Nationality

Date of birth

Gender

References available upon request

Relevant activities

• **Current position**
Since 2012

Coordinator of the research group: - Urban and Regional Energy Systems - at the “Institute for Renewable Energy” – EURAC research, Bolzano Italy.

Main responsibilities and activities:

- Coordination of 40 scientific collaborators
- Definition of the scientific research lines
- Scientific projects and Applied Research project writing, acquisition and coordination/management
- Scientific papers writing
- International networking
- Teaching / Supervision of PhD students

Scientific Projects Project management (current):

- ARV – Positive Climate Communities – H2020 : Coordination of the Trento District (6M € Budget) (3.5M€ budget)
- STARDUST – Smart Cities and Communities – H2020 : : Coordination of the Trento District (6M € Budget)
- SINFONIA – Smart Cities and Communities – FP7 EC funded: Coordination of the Bolzano District (15M € budget)

Vice President – International Society of City and Regional Planners (ISOCARP)– Academic Development, Institute.

• **Teaching experiences**

Supervision of 6 PhD Students/Thesis:

- Urban Surface Usage Optimization
- Overcoming barriers to the implementation of Smart Cities
- Co-Benefits from the implementation of Smart Energy Cities
- KPIs for the evaluation of Smart Energy Cities (comparison between Asia and Europe)
- Social impacts and participatory approaches for the transition to Smart Energy Cities and Smart Energy Regions
- Tradeoffs between Renewable energy production and Ecosystem Services

Coordinator for the International Society of City and Regional Planners - Young Planning Professionals Programme in:

- Russia, PERM 2013
- UAE, Abu Dhabi, 2014 (educational programme for Abu Dhabi UPC)

Lecturer for:

- University of Trento (Italy) – PhD School in Environmental Engineering
- IHS Erasmus University Rotterdam (NL) – Sustainable Urban Development Programme
- Abu Dhabi (UAE), UPC training programme on Sustainable Development
- Italian Architects Corporation: Training programme on Sustainable Energy Development in cities (webinars with 500 participants avg.)

• **Education**

PhD in Environmental Engineering. Department of Civil and Environmental Engineering – University of Trento. **Sustainable energy in cities and territories** (urban morphology, energy efficiency, renewable energy sources, climate change).

2nd level Master in Urban and Regional Planning for Developing Countries. University IUAV of Venice

Master degree in Urban Regional and Environmental Planning. University IUAV of Venice

• **Other relevant experiences**

Board Member of the International Society of City and Regional Planners (ISOCARP – isocarp.org)

Expert Member of the International Energy Agency SHC Task 63 – Solar Neighborhoods Planning and EBC Annex 83 – Positive Energy Districts

• **Scientific Production in the last 5 years**

Publications - Peer reviewed Journal Papers