



Valentina D'Alonzo

EURAC Research

Institute for Renewable Energy

Researcher/PhD candidate

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Main fields of activity

- Integrated spatial and energy planning
- Energy strategies in supra-local plans
- GIS-based analysis and data processing

Personal data

- Born in Trento - Italy, January 8, 1984
- Italian nationality
- Language skills: Italian (mother tongue), English (B2), German (basic), Spanish (basic)

Professional experience

- Since February 2014: Researcher at the Institute for Renewable Energy of Eurac in the research team Urban and Regional Energy Systems, Bolzano - Italy
- 2012 - 2103: Collaboration at the editing of Strategic Territorial Plans of two Valley Communities in the Province of Trento (at the Department of Civil, Environmental and Mechanical Engineering of University of Trento - Italy)
- 2011: Research activity about urban planning and climate change at the Department of Civil, Environmental and Mechanical Engineering of University of Trento - Italy

Education and training

- Since November 2015: scientific research in the field of sustainable energy planning at urban and regional scale. PhD student enrolled in the XXXI cycle of the Doctoral School of Civil, Environmental and Mechanical Engineering, University of Trento.
- Theoretical and practical course about urban and regional plans' Strategic Environmental Assessment (SEA), at the Department of Civil, Environmental and Mechanical Engineering, University of Trento – Italy, 2012
- License to practice in the Order of Architects, Planners and Landscape Architects – Section A, sector Planning (IUAV of Venice – Italy, 2011)
- Master Degree in Urban Planning and Environmental Policies (IUAV of Venice – Italy, 2010)
- Specialization course in Territorial and Population Studies at the Autonomous University of Barcelona – Spain, 2009

- First level degree in Urban, Regional and Environmental Planning (University of Florence – Italy, 2007)

Computer skills

- Very good knowledge of Microsoft Office package
- Very good knowledge of GIS software (QGIS, GRASS GIS, ArcGIS)
- Very good knowledge of instruments for web navigation and search in web
- Good knowledge of Rstudio

Main projects in Eurac

- Rotaliana-Königsberg project (energy strategies in a supra-local plan)
- recharge.green (Alpine Space project – Renewable Energy and Ecosystem Services in the Alps. Status quo and trade-off between renewable energy expansion and ecosystem services valorization).
- GRETA (Alpine Space project – Near-Surface Geothermal Resources in the Territory of the Alpine Space).

Publications

- De Gregorio S., Olazabal M., Salvia M., Pietrapertosa F., Olazabal E., Geneletti D., *D'Alonzo V.*, Di Leo S., Reckien D. (2015). Understanding How and Why Cities Engage with Climate Policy: An Analysis of Local Climate Action in Spain and Italy. In: *TeMA – Journal of Land Use, Mobility and Environment*, n. 8, Special Issue ECCA
- Exner D., *D'Alonzo V.*, Paoletti G., Pascual R., Perneti R. (2016), Building stock analysis for the definition of energy renovation scenario at urban scale. In: *Smart and Sustainable Planning for Cities and Regions Book*, Springer International Publishing
- Mosannenzadeh F., Bisello A., Vaccaro R., *D'Alonzo V.*, Wayne Hunter G., Vettorato D. (2017). The Smart Energy City development: a story told by urban planners. In: *Cities*, n. 64, pp. 54-65
- Casasso A., Piga B., Sethi R., Prestor J., Pestotnik S., Bottig M., Götzl G., Zambelli P., *D'Alonzo V.*, Vaccaro R., Capodaglio P., Olmedo M., Baietto A., Maragna C., Böttcher F., Zoesseder K. (2017), The GRETA project: the contribution of near-surface geothermal energy for the energetic self-sufficiency of Alpine regions. In: *Acque Sotteranee - Italian Journal of Groundwater - 20*, Vol. 6, Pages 23-33
- Reckien D., Salvia M., Heidrich O., Church J.M., Pietrapertosa F., De Gregorio-Hurtado S., *D'Alonzo V.*, Foley A., Simoes S.G., Lorencová E., Orru H., Orru K., Wejs A., Flacke J., Olazabal M., Geneletti D., Feliu E., Vasilie S., Nador C., Krook-Riekkola A., Matosović M., Fokaides P.A., Ioannou B.I., Flamos A., Spyridaki N-A., Balzan M.V., Fülöp O., Paspaldzhiev I., Grafakos S., Dawson R., (2018), How are cities planning to respond to climate change? Assessment of local climate plans from 885 cities in the EU-28. In: *Journal of Cleaner Production*, n. 191, pp. 207-219
- Pietrapertosa F., Salvia M., De Gregorio Hurtado S., *D'Alonzo V.*, Church J.M., Geneletti D., Musco F., Reckien D. (2018), Urban climate change mitigation and adaptation planning: Are Italian cities ready? In: *Cities* (in press)