

PERSONAL INFORMATION CORRADO ALBERTO SIGFRIDO CAMERA

PERSONAL STATEMENT
GEOSCIENTIST
Integrated research; Coupled atmospheric-hydrologic modelling; Hillslope hydrology; Terraced slopes; Soil erosion monitoring and modelling; Natural hazards and risk; Statistical downscaling of climate models; GIS and spatial analysis; Digital soil mapping.

WORK EXPERIENCE

-
- Sep 2017 to date **Research Scientist**
Dipartimento di Scienze della Terra - Università degli Studi di Milano
- Field and laboratory research on soils and water; hydrologic modelling; landslide and soil processes monitoring; developing of proposal for external funding; dissemination events; teaching; students supervision
- [Business or sector](#) Research and Education
- Oct 2015 - Aug 2017 **Associate Research Scientist**
Energy Environment and Water Research Center - The Cyprus Institute
- Field and laboratory research on water and natural resources (Soil and water lab responsible); hydrologic modelling; statistical downscaling of climate change projections; development of proposal for external funding; participation in stakeholder events in Cyprus; dissemination events; teaching; PhD students (co)supervision
- [Business or sector](#) Research and Education
- Jul 2012 - Oct 2015 **Post-doctoral Fellow**
Energy Environment and Water Research Center - The Cyprus Institute
- Hydrological modelling and climate change projections, rainfall generation, gridding of meteorological data, digital soil mapping, responsible for the soil and water laboratory, cooperation in writing research projects, stakeholder meetings, dissemination events, teaching, PhD students co-advising
- [Business or sector](#) Research and Education
- Apr 2012 - Jun 2012 **Post-doctoral Fellow**
Dipartimento di Scienze della Terra - Università degli Studi di Milano
- Definition of triggering thresholds for two landslides in Valchiavenna (Italy) for Civil Protection purposes. In cooperation with the Regional Agency for Environmental Protection (ARPA Lombardia)
- [Business or sector](#) Research and Education
- Apr 2008 - Sep 2008 **Research Assistant**
CNR-IDPA (National Council of Research - Institute for Environmental Dynamics and Processes)
- Debris flow run-out modeling
- [Business or sector](#) Research and Education

EDUCATION AND TRAINING

Jan 2009 - Feb 2012

PhD in Earth Sciences

Università degli Studi di Milano (Italy)

- Thesis: *Stability assessment of terraced slopes: field data and numerical modelling*
- Task: design and maintenance of a small monitoring network, field surveys and tests, laboratory tests, modeling, supervising Bsc and Msc students, teaching

Oct 2005 - Feb 2008

MSc in Applied Geology

Università degli Studi di Milano (Italy)

- Thesis: *The deep seated gravitational slope deformation at Beauregard: numerical modelling of direct shear tests* (in Italian)

Oct 2002 - Dec 2005

BSc in Geology

Università degli Studi di Milano (Italy)

- Thesis: *Structural geological survey and mapping of a sector of the southern rift of Mount Etna (Sicily)* (in Italian)

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C2	C2	C2
Greek	B1	B1	B1	B1	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- good communication skills gained through my experience working in a team and presenting research results to scientists and stakeholders

Organisational / managerial skills

- good organisational skills gained through working in projects, respecting deadlines, and organizing field work.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient User	Proficient User	Independent User	Independent User	Proficient User

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

- good command of office suite (word processor, spread sheet, presentation software)
- good command of GIS software (e.g. ArcGIS, ILWIS) gained working with spatial, georeferenced data
- good command of various numerical models (e.g. WRF-Hydro, SEEP/W, SIGMA/W, GR4J, FLAC) gained running applications in different research fields (hydrology, groundwater, stability analysis)
- good command of R gained by multiple activities related to data analysis and management
- experience with HPC facilities gained running machine learning algorithms for environmental studies
- good command of image creation software (e.g. GIMP, CorelDraw) gained preparing images for publications and presentations

Other skills ▪ Datalogger installation, setup, programming

Driving licence A and B

ADDITIONAL INFORMATION

Publications (peer-reviewed)

Camera, C., Djuma, H., Bruggeman, A., Zoumides, C., Eliades, M., Charalambous, K., Abate, D., Faka, M., 2018. Quantifying the effectiveness of mountain terraces on soil erosion protection with sediment traps and dry-stone wall laser scans. *Catena*, 171:251-264. DOI: 10.1016/j.catena.2018.07.017.

Eliades, M., Bruggeman, A., Lubczynski, M.W., Christou, A., Camera, C., Djuma, H., 2018. The water balance components of Mediterranean pine trees on a steep mountain slope during two hydrologically contrasting years. *J. Hydrol.* 562:712-724. DOI: 10.1016/j.jhydrol.2018.05.048.

Djuma, H., Bruggeman, A., Camera, C., Eliades, M., Kostarelos, K., 2017. The Impact of a Check Dam on Groundwater Recharge and Sedimentation in an Ephemeral Stream. *Water* 9:813. DOI: 10.3390/w9100813.

Camera, C., Bruggeman, A., Hadjinicolaou, P., Michaelides, S., Lange, M.A., 2017. Evaluation of a spatial rainfall generator for generating high resolution precipitation projections over orographically complex terrain. *Stoch. Environ. Res. Risk. Assess.* 31:757-773. DOI: 10.1007/s00477-016-1239-1.

Camera, C., Zomeni, Z., Noller, J.S., Zissimos, A.M., Christoforou, I.C., Bruggeman, A., 2017. A high resolution map of soil types and physical properties for Cyprus: a digital soil mapping optimization. *Geoderma* 285:35-49. DOI: 10.1016/j.geoderma.2016.09.019.

Zittis, G., Bruggeman, A., Camera, C., Hadjinicolaou, P., Lelieveld, J., 2017. The added value of convection permitting simulations of extreme precipitation events over the eastern Mediterranean. *Atmos. Res.* 191:20-33. DOI: 10.1016/j.atmosres.2017.03.002.

Djuma, H., Bruggeman, A., Camera, C., Zoumides, C., 2017. Combining qualitative and quantitative methods for soil erosion assessments: an application in a sloping mediterranean watershed, Cyprus. *Land Degrad. Develop.* 28:243-254. DOI: 10.1002/ldr.2571.

Zoumides, C., Bruggeman, A., Giannakis, E., Camera, C., Djuma, H., Eliades, M., Charalambous, K., 2017. Community-based rehabilitation of mountain terraces in Cyprus. *Land Degrad. Develop.* 28:95-105. DOI: 10.1002/ldr.2586.

Le Coz, M., Bruggeman, A., Camera, C., Lange, M., 2016. Impact of variability in precipitation on the performance of a rainfall-runoff model in Mediterranean mountain catchments. *Hydrol. Sci. J.* 61:507-518. DOI: 10.1080/02626667.2015.1051983.

Camera, C., Apuani, T., Masetti, M., 2015. Modelling the stability of terraced slopes: an approach from Valtellina (Northern Italy). *Env. Earth Sci.* 74:855-868. DOI: 10.1007/s12665-015-4089-0.

Quan Luna, B., Blahut, J., Camera, C., van Westen, C.J., Apuani, T., Jetten, V., Sterlacchini, S., 2014. Physically based dynamic run-out modelling for quantitative debris flow risk assessment: a case study in Tresenda, northern Italy. *Env. Earth Sci.* 72:645-661. DOI: 10.1007/s12665-013-2986-

7.

Camera, C., Bruggeman, A., Hadjinicolaou, P., Pashiardis, S., Lange, M.A., 2014, Evaluation of interpolation techniques for the creation of gridded daily precipitation (1×1 km²); Cyprus, 1980-2010. *J. Geophys. Res. Atmos.* 119(2):693-712. DOI: 10.1002/2013JD020611.

Camera, C., Apuani, T., Masetti, M., 2014. Mechanisms of failure on terraced slopes: the Valtellina case (northern Italy). *Landslides* 11(1):43-54. DOI: 10.1007/s10346-012-0371-3.

Camera, C., Masetti, M., Apuani, T., 2012. Rainfall, infiltration, and groundwater flow in a terraced slope of Valtellina (Northern Italy): Field data and modelling. *Env. Earth Sci.* 65(4):1191-1202. DOI: 10.1007/s12665-011-1367-3.

Other publications

Zittis, G., Hadjinicolaou, P., Bruggeman, A., Camera, C., Lelieveld, J., 2017. High-resolution simulations of recent past extreme precipitation events over Cyprus. In: Karacostas, T., Bais, A., Nastos, P.T. (Eds.), *Perspectives on Atmospheric Sciences*, Springer Atmospheric Sciences, ISBN: 978-3-319-35095-0. (Full paper, refereed)

Szolgay, J., Camera, C., Skarbøvik, Hlavcova, K., 2015. Flooding and Landslides. In: Stolte, J., Tesfai, M., Øygarden, L., Kværmø, S., Keizer, J., Verheijen, F., Panagos, P., Ballabio, C., Hessel, R. (Eds.), *Soil threats in Europe*; EUR 27607 EN. DOI: 10.2788/828742. (Book chapter)

Camera, C., Apuani, T., Masetti, M., 2013. A coupled distributed hydrological-stability analysis on a terraced slope of Valtellina (northern Italy), *Hydrol. Earth Syst. Sci. Discuss.*, 10, 2287-2322. DOI: 10.5194/hessd-10-2287-2013 (Full paper)

Camera, C., 2012. Stability assessment of terraced slopes: field data and numerical modelling. PhD thesis, Università degli Studi di Milano, 171 pp. DOI: 10.13130/camera-corrado-alberto-sigfrido_phd2012-02-08

Quan Luna, B., van Westen, C.J., Blahut, J., Camera, C., Apuani, T., Sterlacchini, S., 2010. From deterministic hazard modelling to risk and loss estimation, In: *Mountain Risks: Bringing Science to Society. Proceedings of the Mountain Risks International Conference, 24-26th November 2010, Firenze, Italy.* Malet J.P., Glade T. and Casagli N. (Ed.), CERG Editions, Strasbourg, ISBN 2-95183317-1-5, 373-380. (Full paper, refereed)

Camera, C., Apuani, T., 2009. La deformazione gravitativa profonda (DGVP) di Beauregard: modellazione numerica di prove di taglio, 2009. *Rendiconti online Soc. Geol. Italiana*, ISSN: 2035-8008, Vol 8, 25-27. (Full paper)

Presentations

2018 (oral session)

Camera, C., Zomeni, Z., Noller, J.S., Bruggeman, A., Zissimos, A., Christoforou, I., 2018. Evaluating the impact of environmental predictors on digital soil mapping: a high-resolution soil map for Cyprus. XIII Convegno Nazionale della Sezione di Geoscienze e Tecnologie Informatiche (GIT), Società Geologica Italiana, Sarzana (Italy), 11 - 13 June. (Abstract, presented by C. Camera)

2018 (poster session)

Djuma, H., Bruggeman, A., Camera, C., Tlais, S., Eliades, M., 2018. Effects of soil erosion on soil organic carbon on a terraced vineyard in a mountainous Mediterranean environment. *Geophysical Research Abstracts*, Vol. 20, EGU2018-953-2, EGU General Assembly 2018, Vienna (Austria), 8 - 13 April. (Abstract, presented by H. Djuma)

2018 (poster session)

Sofokleous, I., Camera, C., Bruggeman, A., Zittis, G., 2018. Long-term variability and extreme rainfall response of runoff and baseflow processes in Cyprus. *Geophysical Research Abstracts*, Vol. 20, EGU2018-15150-1, EGU General Assembly 2018, Vienna (Austria), 8 - 13 April. (Abstract, presented by I. Sofokleous)

2018 (oral session)

Zittis, G., Hadjinicolaou, P., Bruggeman, A., Camera, C., Lelieveld, J., 2018. Effect of nudging in regional hydro-climatic simulations for the eastern Mediterranean. *Geophysical Research Abstracts*, Vol. 20, EGU2018-9910, EGU General Assembly 2018, Vienna (Austria), 8 - 13 April.

(Abstract, presented by G. Zittis)

2017 (poster session)

Camera C., Bruggeman, A., Zittis, G., Hadjinicolaou, P., 2017. Setting up an atmospheric-hydrologic model for seasonal forecasts of water flow into dams in a mountainous semi-arid environment (Cyprus). Geophysical Research Abstracts, Vol. 19, EGU2017-1344-1, EGU General Assembly 2017, Vienna (Austria), 23 - 28 April. (Abstract, presented by C. Camera)

2017 (PICO session)

Camera C., Djuma, H., Zoumides, C., Eliades, M., Charalambous, K., Bruggeman, A., 2017. Quantification of the effect of terrace maintenance on soil erosion: two seasons of monitoring experiments in Cyprus. Geophysical Research Abstracts, Vol. 19, EGU2017-7404, EGU General Assembly 2017, Vienna (Austria), 23 - 28 April. (Abstract, presented by C. Camera)

2017 (PICO session)

Zoumides, C., Giannakis, E., Bruggeman, A., Camera C., 2017. Living terraced landscapes: Exploring the viability of mountain terraced vineyards in Cyprus. Geophysical Research Abstracts, Vol. 19, EGU2017-1303-2, EGU General Assembly 2017, Vienna (Austria), 23 - 28 April. (Abstract, presented by C. Zoumides)

2017 (oral session)

Djuma, H., Bruggeman, A., Camera C., Eliades, M., 2017. Assessment of check-dam groundwater recharge with water-balance calculations. Geophysical Research Abstracts, Vol. 19, EGU2017-1527-1, EGU General Assembly 2017, Vienna (Austria), 23 - 28 April. (Abstract, presented by H. Djuma)

2017 (poster session)

Eliades, M., Bruggeman, A., Lubczynski, M., Christou, A., Camera C., Djuma, H., 2017. Transpiration and Groundwater Uptake Dynamics of Pinus Brutia on a Fractured Mediterranean Mountain Slope during Two Hydrologically Contrasting Years. Geophysical Research Abstracts, Vol. 19, EGU2017-1491, EGU General Assembly 2017, Vienna (Austria), 23 - 28 April. (Abstract, presented by M. Eliades)

2016 (poster and experiences session)

Camera, C., Bruggeman, A., Zoumides, C., Djuma, H., Giannakis, E., Eliades, M., Charalambous, K., 2016. Restoring terraces in the Troodos Mountains of Cyprus through participatory initiatives. Programme, Book of Abstracts, List of Participants, p. 143, 3rd World Meeting on Terraced Landscapes, Padova (Italy), 6 - 15 October. (Abstract, presented by C. Camera)

2016 (poster session)

Camera, C., Djuma, H., Zoumides, C., Eliades, M., Bruggeman, A., Abate, D., Faka, M., Hermon, S., 2016. Monitoring soil erosion in terraced catchments in Mediterranean regions: a field experiment in Cyprus. Geophysical Research Abstracts, Vol. 18, EGU2016-627, EGU General Assembly 2016, Vienna (Austria), 17 - 22 April. (Abstract, presented by C. Camera)

2016 (PICO session)

Djuma, H., Camera, C., Faka, M., Bruggeman, A., Hermon, S., 2016. Assessment of dry-stone terrace wall degradation with a 3D approach. Geophysical Research Abstracts, Vol. 18, EGU2016-804, EGU General Assembly 2016, Vienna (Austria), 17 - 22 April. (Abstract, presented by H. Djuma)

2016 (oral session)

Zittis, G., Hadjinicolaou, P., Bruggeman, A., Camera, C., Lelieveld, J., 2016. Dynamical downscaling of present climate extremal episodes for the BINGO research site of Cyprus. Geophysical Research Abstracts, Vol. 18, EGU2016-12006, EGU General Assembly 2016, Vienna (Austria), 17 - 22 April. (Abstract, presented by G. Zittis)

2015 (oral session)

Camera, C., Apuani, T., Masetti, M., 2015, How to model the stability of terraced slopes? The case study of Tresenda (northern Italy), Geophysical Research Abstracts, Vol. 17, EGU2015-632, EGU General Assembly 2015, Vienna (Austria), 12 - 17 April. (Abstract, presented by C. Camera, EGU travel award)

2015 (oral session)

Camera, C., Bruggeman, A., Hadjinicolaou, P., Michaelides, S., Lange, M.A., 2015, Evaluation of a spatial rainfall generator and an interpolation methods for the creation of future gridded data sets over complex terrains, Geophysical Research Abstracts, Vol. 17, EGU2015-633, EGU General Assembly 2015, Vienna (Austria), 12 - 17 April. (Abstract, presented by C. Camera)

2015 (oral session)

Zoumides, C., Bruggeman, A., Djuma, H., Camera, C., Giannakis, 2015, Soil Threats and Ecosystems Services in the Troodos Mountains of Cyprus, Geophysical Research Abstracts, Vol. 17, EGU2015-14937-1, EGU General Assembly 2015, Vienna (Austria), 12 - 17 April. (Abstract, presented by C. Camera)

2015 (oral session)

Djuma, H., Bruggeman, A., Camera, C., Zoumides, C., 2015, Effects of land use systems on soil erosion in a sloping Mediterranean watershed in Cyprus: From qualitative assessments to quantitative models, Geophysical Research Abstracts, Vol. 17, EGU2015-897, EGU General Assembly 2015, Vienna (Austria), 12 - 17 April. (Abstract, presented by H. Djuma)

2015 (poster session)

Bruggeman, A., Camera, C., Giannakis, E., Zoumides, C., Eliades, M., Djuma, H., 2015, Adapting to climate change or to stakeholders?, Geophysical Research Abstracts, Vol. 17, EGU2015-7816-1, EGU General Assembly 2015, Vienna (Austria), 12 - 17 April. (Abstract, presented by C. Camera)

2015 (poster session)

Eliades, M., Bruggeman, A., Lange, M., Camera C., 2015. Forest water dynamics in a Mediterranean mountain environment, Geophysical Research Abstracts, Vol. 17, EGU2015-747, EGU General Assembly 2015, Vienna (Austria), 12 - 17 April. (Abstract, presented by M. Eliades)

2015 (poster session)

Faka, M., Djuma, H., Camera, C., Bruggeman, A., Hermon, S., 2015. Estimation of soil erosion from terraced slopes: a 3D approach. In: RSCy2015 Third International Conference on Remote sensing and Geoinformation of Environment Conference Abstracts. Hadjimitsis, D.G., Themistocleous, K., Michaelides, S., Papadavid, G. (Eds.), Cyprus Remote Sensing Society, Limassol (Cyprus), 16 - 19 March, ISBN-978-9963-697-11-3, p. 14. (Abstract, presented by M. Faka)

2014 (oral session)

Bruggeman, A., Djuma, H., Eliades, M., Charalambou, K., Giannakis, E., Camera, C., Minić, V., 2014, Can irrigation decision support systems counterbalance the effect of increasing irrigation water prices? In: Kanakidou, M., Mihalopoulos, N., Nastos, N. (Eds), COMECAP 2014 - Heraklion (Greece) - 28-31 May - ebook of contribution, ISBN-978-960-524-430-9, Vol. 1, 170-175. (Full paper, refereed, presented by C. Camera)

2014 (poster session)

Camera, C., Bruggeman, A., Hadjinicolaou, P., Pashiardis, S., Lange, M.A., 2014, Very high resolution daily precipitation and temperature projections for Cyprus: 2020-2050. In: Kanakidou, M., Mihalopoulos, N., Nastos, N. (Eds), COMECAP 2014 - Heraklion (Greece) - 28-31 May - ebook of contribution, ISBN-978-960-524-430-9, Vol. 1, 178i-v. (Full paper, refereed, presented by C. Camera, Young scholars poster award)

2014 (poster session)

Camera, C., Bruggeman, A., Hadjinicolaou, P., Pashiardis, S., Lange, M.A., 2014, The creation of future daily gridded datasets of precipitation and temperature with a spatial weather generator, Cyprus 2020-2050, Geophysical Research Abstracts, Vol. 16, EGU2014-4982, EGU General Assembly 2014, Vienna (Austria), 27 April - 2 May. (Abstract, presented by C. Camera)

2014 (poster session)

Camera, C., Zomeni, Z., Brugeman, A., Noller, J., Zissimos, A., 2014, The creation of a

digital soil map for Cyprus using decision-tree classification techniques, Geophysical Research Abstracts, Vol. 16, EGU2014-5017, EGU General Assembly 2014, Vienna (Austria), 27 April - 2 May. (Abstract, presented by C. Camera)

2014 (oral session)

Bruggeman, A., Camera, C., Hadjinicolaou, P., Lange, M.A., Zomeni, Z., Zissimos, A., Pashiardis, S., Tymvios, F., Markou, M., Fasoula, D., Gregoriou, S., Stylianou, A., Zachariadis, T., Zoumides, C., Noller, J.S., 2014. Agricultural production and water use scenarios in Cyprus under global change, Geophysical Research Abstracts, Vol. 16, EGU2014-10537, EGU General Assembly 2014, Vienna (Austria), 27 April - 2 May. (Abstract, presented by A. Bruggeman)

2014 (oral session)

Djuma, H., Bruggeman, A., Camera, C., 2014, Assessment of sediment yield in a sloping Mediterranean watershed in Cyprus, Geophysical Research Abstracts, Vol. 16, EGU2014-7716, EGU General Assembly 2014, Vienna(Austria), 27 April - 2 May. (Abstract, presented by H. Djuma)

2014 (oral session)

Camera, C., Bruggeman, A., Hadjinicolaou, P., Pashiardis, S., Michaelides, S., Lange, M. A., 2014. Creating daily high resolution meteorological datasets for climate change adaptation. Adapt to Climate International Conference - Nicosia (Cyprus) - 27 and 28 March. (Presented by C. Camera)

2013 (oral session)

Camera, C., Bruggeman, A., Hadjinicolaou, P., Pashiardis, S., Lange, M. A., 2013. The creation of a daily 1-km gridded rainfall dataset for Cyprus. 6th International Conference on Water Resources and Environment Research - Koblenz (Germany) - 3-7 June. (Presented by C. Camera)

2012 (poster session)

Camera, C., Bruggeman, A., Hadjinicolaou, P., Pashiardis, S., Michaelides, S., Lange, M. A., 2012. A daily 1-km gridded dataset for Cyprus rainfall for the period 1980-2010 and 2020-2050. Energy Water And Climate Change (EWACC) 2012 Conference - Nicosia (Cyprus) - 10-12 December. (Presented by C. Camera)

2012 (poster session)

Camera, C., Apuani, T., 2012. Groundwater movement in a terraced slope: comparison of the results of two different scale models. Flowpath 2012 - Bologna (Italy) - 20-22 June. (Presented by C. Camera)

2012 (poster session)

Camera, C., Apuani, T., Mele, M., Kuriakose, S.L., Giudici, M., 2012. Soil depth map definition on a terraced slope for a following distributed, high resolution, numerical modelling analysis, Geophysical Research Abstracts, Vol. 14, EGU2012-8372-1, EGU General Assembly 2012, Vienna (Austria), 22 - 27 April. (Abstract, presented by M. Mele)

2012 (poster session)

Camera, C., Apuani, T., Masetti, M., Mele, M., 2012. Comparison of the results of different scale hydrogeological models on a terraced slope of Valtellina (Northern Italy). Geophysical Research Abstracts, Vol. 14, EGU2012-8252-2, EGU General Assembly 2012, Vienna (Austria), 22 - 27 April. (Abstract, presented by M. Mele)

2011 (oral session)

Camera, C., Apuani, T., Masetti, M., 2011. Parameterization of a dry retaining wall on a terraced slope in Valtellina (northern Italy) and stability analysis. Proceedings of the 8th International Symposium on Field Measurements in GeoMechanics - Berlin (Germany), 12-16 September. (Full paper, presented by C. Camera)

2011 (oral session)

Camera, C., Apuani, T., Masetti, M., 2011. Circolazione idrica su un versante terrazzato della Valtellina e suoi effetti sulla stabilità. 6th GIT meeting - Geology and Information Technology - Molfetta (Italy), 14-16 June. (Presented by C. Camera)

2011 (oral session)

Camera, C., Apuani, T., Masetti, M., 2011. Relazioni tra precipitazioni e sviluppo di falde sospese in versanti terrazzati. In: Le modificazioni climatiche e i rischi naturali, Polemio M. (Ed.), CNR-IRPI, Bari (Italy), 10-11 March, ISBN: 9788890508806, 185-188. (Full paper, presented by C. Camera)

2010 (oral session)

Camera, C., Masetti, M., Apuani, T., 2010. Infiltrazione e circolazione idrica in un versante terrazzato: dai dati di terreno alla modellazione numerica. 5th GIT meeting - Geology and Information Technology - Grottaminarda (Italy), 14-16 Giugno. (Presented by C. Camera)

2010 (poster session)

Quan Luna, B., Blahut, J., Camera, C., van Westen, C., Sterlacchini, S., Apuani, T., Akbas, S., 2010. Quantitative risk assessment using empirical vulnerability functions from debris flow event reconstruction. Geophysical Research Abstracts, Vol. 12, EGU2010-6684, EGU General Assembly 2010, Vienna (Austria), 2 - 7 May. (Abstract, presented by B. Quan Luna)

2010 (poster session)

Garcia, C., Blahut, J., Quan Luna, B., Poretti, I., Camera, C., de Amicis, M., Sterlacchini, S., 2010. Interdisciplinary approach for disaster risk reduction in Valtellina Valley, northern Italy. Geophysical Research Abstracts, Vol. 12, EGU2010-15423, EGU General Assembly 2010, Vienna (Austria), 2 - 7 May. (Abstract, presented by C. Garcia)

2010 (poster session)

Camera, C., Kuriakose, S.L., Apuani, T., 2010. Elaborazione di una carta di spessore del suolo su un versante terrazzato della Valtellina (SO). VIII Convegno dei Giovani Ricercatori di Geologia Applicata - Perugia (Italy) -18-19 Febbraio. (Presented by C. Camera)

2009 (poster session)

Camera, C., Masetti, M., Sterlacchini, S., 2009. Modellazione della propagazione delle colate detritiche per la valutazione del pericolo ad esse connesso. 4th GIT meeting - Geology and Information Technology - Cagli (Italy), 15-17 June. (Presented by C. Camera)

2008 (oral session)

Camera, C., Apuani, T., 2008. La deformazione gravitativa profonda (DGPV) di Beauregard: modellazione numerica di prove di taglio. 3rd GIT meeting - Geology and Information Technology - Offida (Italy), 3-5 June. (Presented by C. Camera)

Projects

Project: Excellency Network Building for Comprehensive Research and Assessment of Geofluids (ENeRAG); H2020 Research and Innovation Programme, EU (2018-2021);

Task: Responsible for the dissemination activities of Università degli Studi di Milano, participant on the other project activities.

Project: Bringing innovation to ongoing water management - A better future under climate change (BINGO); H2020 Research and Innovation Programme, EU (2015-2019);

Task: Co-scientist for Cyprus case study. Responsible for the development of coupled atmospheric-hydrologic modelling activities.

Project: Preventing and remediating degradation of soils in Europe through Land Care (RECAR); 7th Framework Programme, EU (2013-2018);

Task: Deputy for Cyprus case study.

Project: Making society an active participant in water adaptation to global change (BEWATER); 7th Framework Programme, EU (2013-2018);

Task: Co-scientist for Cyprus case study. Responsible for the Land and Water in motion scale model, developed for dissemination events.

Project: Options for sustainable agricultural production and water use in Cyprus under global change (AGWATER); Research Promotion Foundation (RPF), Cyprus (2012-2014);

Task: WP7 leading scientist (daily gridded datasets of meteo variables) and WP3 co-scientist (digital soil mapping).

Conferences

2019

Organization Committee of Flowpath 2019, Milan (Italy) - 12-14 June.

2017, 2018

Co-convener for the EGU session: "Agricultural terraces of the world. Their pedological, geomorphological and hydrological role". P. Tarolli (convener), C. Camera, M. Dotterweich, R. Egozi, Y. Jiao, E. Nadal Romero, W. Wei.

Seminars and Invited Talks

August 2018

Val Bregaglia e Val San Giacomo: forme, strutture e fenomeni di frana. C. Camera, T. Apuani, G. Bajni. La frana di Piuro del 1618 e le grandi frane alpine, Regione Lombardia, Piuro (Italy) - 24 August.

April 2016

Hydrologic Modelling over the Troodos Mountains of Cyprus. C. Camera. Campus Alpin - Institute of Meteorology and Climate Research, Karlsruhe Institute of Technology, Garmisch-Partenkirchen (Germany) - 12 April.

April 2015

Introduction to rainfall generators: advantages and disadvantages in their use for climate change adaptation. C. Camera. Spring 2015 Seminar Series, Sustainable Environment and Energy Systems Graduate Program, Middle East Technical University, Northern Cyprus Campus - 22 April.

March 2015

The use of rainfall generators for the creation of future gridded datasets over complex terrains (Cyprus 2020-2050). C. Camera. School of Civil Engineering and Geosciences, University of Newcastle, Newcastle (UK) - 4 March.

May 2014

Daily gridded data sets of rainfall and temperature for past and future times: Interpolation of observations and downscaling of Regional Climate Models for Cyprus. C. Camera. Spring 2014 Seminar Series, Sustainable Environment and Energy Systems Graduate Program, Middle East Technical University, Northern Cyprus Campus - 14 May.

October 2013

Development of detailed climate change projections for Cyprus. C. Camera, A. Bruggeman. CLIM-RUN stakeholder meetings for the tourist and the energy sector - Nicosia (Cipro) - 11 and 14 October.

Other Scientific Events

2018 (dissemination event)

Participation in the "Meet Me Tonight" event at the stand of the Dipartimento di Scienze della Terra - Università degli Studi di Milano, entitled "A Tutto Smart". Milan (Italy) - 28-29 September.

2017 (Journalistic in-depth TV show)

Participation in the Euronews Futuris episode on the H2020 BINGO project. On air on July, 10th. <http://www.euronews.com/2017/07/10/climate-change-and-europe-s-water-supply>.

2016 (dissemination event)

Participation in the "Green Dot's Nicosia 2016 Environment and Recycling Festival". Presentation of an iconic model (80 x 30 cm) "Water and Land in Motion" representing a typical Cypriot mountain slope and demonstrating the impact of different land management options on the water cycle and soil erosion. Presentation of an interactive of Nicosia watershed with the possibility to suggest management options to reduce climate change impacts on the available water resources. Nicosia (Cyprus) - 14 May.

2016 (dissemination event)

Participation in the "World Water Day event at the Water Development Department, Cyprus" with the iconic model "Water and Land in Motion". Nicosia (Cyprus) - 19 March.

2015-2016 (communal events)

Organization and participation in five “Communal event for dry-stone terrace maintenance and rehabilitation” in the context of the RECARE project. Platanistasa, Alona, Polystipos (Cyprus) –July 2015, October 2015, November 2015, October 2016, November 2016.

2015 (dissemination event)

Participation in the “Mediterranean Science Festival” with a stand entitled “Water and Land in Motion”. Limassol (Cyprus) - 5-6 December.

2014 (dissemination event)

Participation to the researcher day - “Through the Researcher’s Eyes” - organized by the Research Promotion Foundation Cyprus with the iconic model “Water and Land in Motion”. Nicosia (Cyprus) - 28 November.

Honours and Awards

December 2014

EGU 2015 travel award for the abstract EGU2015-632.

May 2014

Poster award for young scholars: 12th International Conference on Meteorology, Climatology and Atmospheric Physics (COMECAP 2014).

Jun 2009

Grant for the attendance of Mountain Risks Intensive Course on Multi-technique landslide investigation for hazard assessment.

Jan 2009 - Dec 2011

PhD scholarship in Earth Sciences (Borsa Ministeriale di Dottorato XXIV ciclo - Università degli Studi di Milano).

Memberships and Professional Services

European Geosciences Union (EGU);

Reviewer for scientific journals (<https://publons.com/author/1191840/corrado-alberto-sigfrido-camera#profile>)

References

Prof. Adriana Bruggeman, The Cyprus Institute, a.bruggeman@cyi.ac.cy

Prof. Marco Masetti, Università degli Studi di Milano, marco.masetti@unimi.it

Prof. Tiziana Apuani, Università degli Studi di Milano, tiziana.apuani@unimi.it

Prof. Jay S. Noller, Oregon State University, jay.noller@oregonstate.edu

Citations

Scopus: 111 (h-index 8)

Web of Science: 93 (h-index 7)

Google Scholar: 136 (h-index 8)

Training attended

Apr 2016

Type: Erasmus training (5 days);

Organization: Karlsruhe Institute of Technology (Germania);

Description: Training on coupled atmospheric-hydrologic simulations with focus on calibration approaches for the Hydro component of the Weather Research and Forecasting model (WRF-Hydro)

Mar 2015

Type: Training visit (5 days);

Organization: Newcastle University (UK);

Description: Training on the nonhomogeneous spatial activation of raincells (NSAR) rainfall generator.

May 2014

Type: short course (5 days);
Organization: Centre de Recherche Public Gabriel Lippmann (Luxembourg);
Title: Model building, inference and hypothesis testing in hydrology.

Apr 2012

Type: short course (3 days);
Organization: Politecnico di Torino (Italy);
Title: Unsaturated soil mechanics.

Nov 2011

Type: short course (3 days);
Organization: Politecnico di Torino (Italy);
Title: Debris Flows in Torrent Catchments.

Oct2009 - Nov 2009

Type: Visiting PhD student;
Organization: ITC (International Institute for Geo-Information Science and Earth Observation) - Enschede (The Netherlands);
Description: Data processing of site measurements through geostatistical methods.

Jun 2009

Type: short course (1 week);
Organization: Université de Lausanne (Switzerland);
Title: Mountain Risks Intensive Course on multi-technique landslide investigation for hazard assessment. Les Diablerets (Switzerland).

Mar 2009

Type: short course (3 days);
Organization: Utrecht University (The Netherlands);
Title: Dynamic and spatial modelling of landslide kinematics.

Teaching

Spring Semester 2018

Organization: Università degli Studi di Milano;
Position: Teaching co-assignment for the MSc course " Engineering geology survey" (geology degree);
Task: Hydrometeorology field measures and monitoring techniques.

Spring Semester 2018

Organization: Università degli Studi di Milano;
Position: Teaching co-assignment for the MSc course "Rock Mechanics and Stability Analysis" (geology degree);
Task: Stability Analysis module.

Spring Semester 2015

Organization: The Cyprus Institute (Cyprus);
Position: Teaching co-assignment for the PhD " Remote Sensing and Environmental Optics - EAS514 course";
Task: Basic methodologies for remote sensing data analysis.

Winter semester 2014

Organization: The Cyprus Institute (Cyprus);
Position: Teaching assistant for the PhD "Methodologies in Environmental and Atmospheric Sciences - EAS502 course";
Task: Getting started with R: an overview of its main features for environmental data analysis.

Winter and Spring semester 2013

Organization: The Cyprus Institute (Cyprus);
Position: Teaching assistant for the PhD "Hydrological processes - EAS508 course";
Task: Introduction to ArcGIS and its hydrologic functions.

Spring Semester 2012

Organization: Politecnico di Milano (Italy);

Position: Teaching assistant for the BSc "Geological Survey" course, (engineering degree);
Task: exercise part (rocks identification and drawing of geological sections).

Spring Semester 2012

Organization: Università degli Studi di Milan (Italy);

Position: Teaching assistant for the MSc "Engineering geology survey" course (geology degree);
Task: Teaching field techniques.

Certifications

Professional geologist certificate

Personal information

I authorize the handling of personal information in this curriculum, according to D.Lgs n. 196/03 and following modifications and Regulations EU 679/2016 (General Regulations concerning Data Protection or GRDP) and art. 7 of University Regulations concerning protection of personal information.

I authorize, according to D.Lgs 14/03/2013 n. 33 concerning transparency, in case of conferment of the position and of the fellowship, the publication of this curriculum in the web site of Università degli Studi di Milano in the section "Amministrazione trasparente", "Consulenti e collaboratori".

Date 15/11/2018

Signature

