

PERSONAL INFORMATION

Virginia Coletta

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 Virginia.coletta@uniroma1.it

Sex Female | Date of birth 18/08/1991 | Nationality Italian

WORK EXPERIENCE

November 2019 - Now

PhD in Infrastructure and Transport

Department of Civil and Environmental Engineering, La Sapienza University of Rome, Via Eudossiana 18, 00184, Rome, Italy

- The Role of Geomatic Methods and Techniques in the Study of the Impact of Extreme Climatic Events on Built Heritage

Business or sector Geomatic, Photogrammetry, Satellites

October 2019 - Now

Association Institute for Atmospheric and Climate Science of the National Research Council (CNR ISAC)

ISAC CNR, via Fosso del Cavaliere 100, 00133, Rome, Italy

- The Role of Geomatic Methods and Techniques in the Study of the Impact of Extreme Climatic Events on Built Heritage

Business or sector Weather, Climatology

EDUCATION AND TRAINING

October 2015 – January 2019

Master's Degree

Environmental Engineering, La Sapienza University of Rome, Via Eudossiana 18, 00184 Rome, Italy

- Thesis: "Falling Trees Phenomenon Monitoring: an Innovative GNSS-Based Approach and a First Study on Wind-Induced Effects".
- Subject: Geomatics and Territorial Information Systems

September 2016 – February 2018

Erasmus

USC, Universidade de Santiago de Compostela (CO), Facultad de Ingenieria Quimica

October 2011 – March 2015

Bachelor's Degree

Environmental Engineering, La Sapienza University of Rome, Via Eudossiana 18, 00184 Rome, Italy

- Thesis: "Unconventional Applications of Low-Cost Sensors in the Geomatic Field".
- Subject: Positioning

July 2011

High School Diploma

Liceo Cavour, Via delle Carine 1 ,00184 Rome, Italy

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Spanish	C1	C1	C1	C1	C1

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

- Digital skills
- Very good knowledge of Microsoft applications and the Office Package (Excell, Word, Powerpoint).
 - Good knowledge of QGIS software.
 - Good knowledge of Python and MATLAB environments.
 - Good knowledge of LaTeX language.
 - Good knowledge of Google Earth Engine.

Driving licence B

ADDITIONAL INFORMATION

- Publications
 - Presentations
 - Projects
 - Conferences
 - Seminars
 - Honours and awards
 - Memberships
 - References
 - Citations
 - Courses
 - Certifications
- **Tree motion: following the wind-induced swaying of arboreal individual using a GNSS receiver**, Alessandra Mascitelli, Pierluigi Bombi, Virginia Coletta, Bruno De Cinti, Stefano Federico, Giorgio Matteucci, Augusto Mazzoni, Valerio G. Muzzini, Igor Petenko and Stefano Dietrich, *Italian Journal of Agrometeorology*, Published, 2019.
 - **Monitoraggio della stabilità Meccanica degli individui arborei tramite un sensore GNSS a basso costo**, Virginia Coletta, Alessandra Mascitelli, Pierluigi Bombi, Bruno De Cinti, Stefano Federico, Giorgio Matteucci, Augusto Mazzoni, Valerio G. Muzzini, Igor Petenk and Stefano Dietrich, *Atti del XXII convegno Nazionale di Agrometeorologia*, pag. 91-95, 2019.
 - **Fulmini ed agricoltura in tempi di cambiamento climatico**, Stefano Dietrich, Virginia Coletta, Leo Pio D'Adderio, Stefano Federico, Luigi Paziienza and Rosa Claudia Torcasio, *Atti del XXII convegno Nazionale di Agrometeorologia*, pag. 96-100, 2019
 - **9th April 2019**
 National Research Council Headquarters
 Piazzale Aldo Moro 7, Rome
 Conference of the Terrestrial Ecosystems Research Institute
Poster: "Monitoring of mechanical stability of arboreal Individuals by GNSS low-cost sensors".
 (Virginia Coletta, Alessandra Mascitelli, Pierluigi Bombi, Bruno De Cinti, Stefano Federico, Giorgio Matteucci, Augusto Mazzoni, Valerio G. Muzzini, Igor Petenk and Stefano Dietrich)
 - **11-13 June 2019**
 Italian Association of Agrometeorology
 Department of Agricultural Sciences, University Federico II,
 Via Università 100, PORTICI (NA)
 AIAM2019 - XXII National Agrometeorology Conference
Oral presentation: "Mechanical stability monitoring of tree individuals using a low-cost GNSS sensor".
 (Virginia Coletta, Alessandra Mascitelli, Pierluigi Bombi, Bruno De Cinti, Stefano Federico, Giorgio Matteucci, Augusto Mazzoni, Valerio G. Muzzini, Igor Petenko and Stefano Dietrich)
 - **11-13 June 2019**
 Italian Association of Agrometeorology
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 Via Università 100, PORTICI (NA)
 AIAM2019 - XXII National Agrometeorology Conference
Oral presentation: "Lightning and agriculture in times of climate change",
 (Stefano Dietrich, Virginia Coletta, Leo Pio D'Adderio, Stefano Federico, Luigi Paziienza and Rosa Claudia Torcasio)

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