

PERSONAL  
INFORMATION

Olimpia Copăcenaru

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**Sex** Female | **Date of birth** 25/08/1993 | **Nationality** Romanian

EDUCATION AND  
TRAINING

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|-----------|--|-------------|
| 2015–2017 | Master degree in GIS (Geographic Information Systems)<br><i>University of Bucharest - Faculty of Geography, Bucharest (Romania)</i>  | EQF level 7 |
| 2016      | Erasmus+ Mobility<br><i>Universidad de Córdoba, Facultad de Ciencias – Ciencias Ambientales, Córdoba (Spain)</i>   |             |
| 2015–2017 | Certification Courses for Teaching - Level II (thoroughgoing studies)<br><i>University of Bucharest - Faculty of Psychology and Educational Sciences, Teachers' Training Department, Bucharest (Romania)</i> |             |
| 2012–2015 | Bachelor degree (Graduate studies) in Geography<br><i>University of Bucharest - Faculty of Geography, Bucharest (Romania)</i>  | EQF level 6 |
| 2012–2015 | Certification Courses for Teaching - Level I (basic)<br><i>University of Bucharest - Faculty of Psychology and Educational Sciences, Bucharest (Romania)</i>   |             |
| 2008–2012 | High School Studies (Baccalaureate Diploma)<br><i>'Mihai Viteazul' National College, Bucharest (Romania) – Mathematics – Informatics, Intensive English</i>  | EQF level 3 |
| 2000–2008 | Primary and Secondary Studies<br><i>School no. 92, Bucharest (Romania)</i>   | EQF level 2 |

## WORK EXPERIENCE

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- 08/2016–10/2016 **Geography Teacher**  
*Liceul Teoretic Național (National Theoretical High School), Bucharest (Romania)*  
Designing lessons, additional teaching materials, teaching activities, students' evaluation, students' counseling and guidance  
Coordinator of the touristic program 'La pas prin țara mea' ('Visiting my country')
- 10/2015 **Substitute Geography teacher**  
*'Ion Creanga' National College, Bucharest (Romania)*  
Designing lessons, additional teaching materials, teaching activities, students' evaluation (20 hours)
- 09/2015 **Internship - Editor**  
*Adevărul Holding - Historia magazine, Bucharest (Romania)*  
Proposing new topics and headlines; writing articles regarding history, historical tourism
- 08/2015 **Beneficiary of POSDRU (HRD) project 'Start your career - Good practices in career guidance of Romanian students'**  
*Titu Maiorescu University, Bucharest (Romania)*  
Participating in activities regarding personal development and career guidance
- 04/2015 **Co-founder of the project "geolimpiada.com"**  
Creating a web platform designed to prepare students for competitions and school olympiads in the field of Geography / Earth Sciences
- 12/2014–04/2015 **'Young teams of researchers' Project - First Edition - 'Study on Water Quality of the Dambovită River between Rosu Water Treatment Plant and Glina Wastewater Treatment Plant'**  
*C.C.M.E.S.I. - Center for Environmental Research and Impact Studies, Bucharest (Romania)*  
Studying the spatial and temporal variations of the physical and chemical parameters related to water quality (during winter) applied to the section of the Dambovită River that overlaps Bucharest's area.

- 10/2014–04/2015 **Teaching practice in compulsory school education**  
*'Ion Creanga' National College, Bucharest (Romania)*  
 Attending classes (24 hours), designing lessons, additional teaching materials, teaching activities / students' evaluation
  
- 08/2013–09/2013 **'Interdisciplinary Practice in Hateg Country'**  
*The Hateg Country Dinosaurs Geopark (administered by the University of Bucharest), Hateg, Hunedoara (Romania)*  
 Creating a GIS database for The Hateg Country Dinosaurs Geopark (as a base for the internal zoning of the geopark, for different types of maps, tourist routes); connecting the database with plans of the local communities to expand the built-up areas
  
- 03/2012–04/2012 **'We are informed, We are aware of, We protect' Educational Project**  
*Environmental and Eco-Civic Education Department, Bucharest City Hall (Romania)*  
 Delivering a series of speeches aiming to raise awareness of the risk represented by chemical fertilizers used in agriculture

**PERSONAL SKILLS**

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Cambridge Advanced Exam (CAE) - C1					
Spanish	C2	C2	C2	C2	C1
Erasmus+ OLS – Online Language Support – Language Assessment in Spanish					
French	B2	B2	B1	B1	B1
Portuguese	B1	B1	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

\*Common European Framework of Reference for Languages

**Communication skills**

- Excellent interaction skills with children, gained through my activity as a teacher.
- Communication skills, team spirit, acquired through the numerous projects that I

attended:

- October 2014, Inegöl, Bursa: *'Youth Works in Europe and Turkey'*, Erasmus+ Project.
- September 2013, Inegöl, Bursa: *'Time for Magical Hands'*, EU – Youth in Action Project.
- 2011, University of Essex, Colchester: Delegate at *Essex International Model United Nations Conference*, Human Rights Council (MUNEX).
- 2010-2012: *'Brave Enough to Be Kind'*, Comenius Project, workshops in Bucharest, Romania and Filipów, Poland.
- 2007: *'Socrates - Leonardo da Vinci Week'*, Bucharest, Romania.
- 2006-2008: *'PLI – The Place We Live In'* Comenius Project, workshops in Ávila, Spain and Bucharest, Romania.

#### Organisational / managerial skills

- Good leadership skills, acquired during my Bachelor studies, as the group responsible.
- Good organisational skills, as well as managing deadlines, acquired through the projects in which I was involved:
  - 2012-2013: Volunteering within ASG - Geography Students Association, University of Bucharest (organizing events, fundraising - Cudalbi Floodings, Prom, Christmas Campaign etc.).
  - 2012: Member of the Organizing Committee of MUNOB 2012 Conference (Model United Nations of Bucharest - 2012).
  - 2010-2012: Volunteering within Hospice Romania (organizing events - Bucharest City Marathon 2010, 2011, Hospice Cup 2011 etc.).
  - 2010-2011: Leadership projects implemented by Junior Achievement Romania, covering entrepreneurship, financial and economic education ('JA Titan - Economic and Managerial Simulation', 'Banks in Action', 'Stock Market Challenge').
  - 2009-2011: Member of 'Edelweiss' Ecological Foundation - organizing a series of photo exhibitions ('Retezat National Park', 'United Kingdom of Great Britain and Northern Ireland and Republic of Ireland - Unity in Diversity').

#### Job-related skills

- Technical Skills: use of equipment and devices for measuring environmental quality parameters (air quality, noise, water quality) / orientation in the field (GPS).
- Skills in field orientation, analysis of relief, geomorphological processes, climate, hydrology, flora and fauna, acquired during practice hours.
- Ability to organize research projects, to build a bibliography.
- Rapid learning, adaptability, reliability, open-mindedness, attention to detail, self-taught person.

Digital competence

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

Digital competences - Self-assessment grid

ECDL Complet Diploma (European Computer Driving Licence) – good command of the Office suite (Word, Excel, PowerPoint, Access), good knowledge of general concepts related to Informatic Technology (IT), very good skills of using the Internet.

- Good command of Open Office 4.1.1 and Libre Office 5.2.3 suite.
- Knowledge of C ++, SQL, HTML programming languages; basic knowledge of JavaScript.
- Good command of GeoServer and Oracle VM VirtualBox.
- Good command of Google Drive suite.
- Photo editing software: CorelDRAW X5 - X8, Inkscape, PhotoSCAPE; basic knowledge of Adobe InDesign.
- Statistical analysis software: Grapher 11 - 12, R Studio / R Statistics, Easy Fit, Surfer 13, programming modules in Microsoft Excel / Microsoft Visual Basic.
- GIS and Remote Sensing software: ArcGIS 10, 10.2, 10.3; QuantumGIS 1.8 - 2.8; OpenJUMP; uDig; GeoDa; GeoMapApp; MapAnalyst; SAGA GIS 2.2 - 3.0; Global Mapper 13 - 18; TileMill; GRASS GIS; VTP; Carto DB / Carto; LEOWORKS 4; ENVI 4.7 – 5.1; SNAP; Mission Planner; Agisoft PhotoScan; Fugro Viewer; HEC-RAS; PostGIS – PostgreSQL; gvSIG; SEVEIF.
- Basic understanding of GDS (Global Distribution Systems) - Amadeus reservation system (online ticketing - issuing flight documents).

**Other skills** Artistic (photographic) skills:

- June 2016: Second Place - FotoPractica Contest - Artistic section.
- May 2016: National Salon of Photography 'Fotogeografica 2016 - 20 years', organized by the Students' House of Culture - Bucharest and by Bucharest Municipality Museum.
- June 2015: Third Place - FotoPractica Contest - Scientific section.
- May 2014: First Place - FotoPractica Contest - Artistic section.
- May 2013: First Place - FotoPractica Contest - Scientific section.
- May 2013: 'Water as a festival' - Photo Exhibition organized during Aqua Fest festival inside the Faculty of Geography - University of Bucharest.

## ADDITIONAL INFORMATION

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### Presentations at Conferences / Symposiums

- November 2016, Timișoara: *geo-spatial.org* Seminars (*Reprezentări ale bazinului Mării Negre în portulanele medievale - Un periplu cartografic* - *Representations of the Black Sea Basin in medieval portolan charts - A cartographic journey*).
- May 2015, Craiova: National Conference of the Romanian Geographical Society (*Utilizarea platformei <<geolimpiada.com>> - resursă pentru pregătirea elevilor participanți la Olimpiada de Geografie* - *Using <<geolimpiada.com>> platform as a resource to prepare students for the Geography Olympiad*).
- March 2015, Bucharest: National Symposium of Geography Students, 22nd edition (*Studiu privind calitatea apei râului Dâmbovița între uzina de apă Roșu și stația de epurare Glina* - *Study on Water Quality of the Dambovita River between Rosu Water Treatment Plant and Glina Wastewater Treatment Plant*).
- December 2014, Bucharest: 'Industrial Heritage - Conservation, Cultural Promotion and Smart Reuse' Workshop, organized by APGR (Professional Association of Romanian Geographers) (*Fabrica de Hârtie din Bușteni. Între abandon și scenarii de conversie funcțională* - *Bușteni Paper Mill. Between abandonment and industrial conversion scenarios*).

### Seminars

- November 2016, Timișoara: *geo-spatial.org* Seminars (Interactive visualization of geospatial data on the Web using CARTO, SQLite - accessing, querying and modifying data in a relational SQLite database using the R language, QGIS Print Composer - Open Source Strikes Back).
- October 2016, Bucharest: *geo-spatial.org* Seminars (Automating the production of maps in QGIS, with Atlas, Processing satellite images in SNAP).
- June 2016, Córdoba: *El Seminario 'Contribución de la agricultura de conservación y los sistemas agroforestales a la mitigación del cambio climático'* (*The Seminar 'Contribution of conservation agriculture and agroforestry systems to the mitigation of climate change'*).
- November 2015, Timișoara: *geo-spatial.org* Seminars (Processing Sentinel 2 Satellite Imagery in SNAP, Tips & tricks in QGIS for handling satellite-based data, Mapping of flood affected areas using satellite data and open / open-source software).
- April 2015, Cluj-Napoca: *geo-spatial.org* Seminars (CartoDB - Online maps, Georeferencing Historical Maps, Publishing a Geospatial Portal Using Cartaro).
- November 2014, Bucharest: *Sponge Media LAB Workshop*.
- November 2014, Timișoara: *geo-spatial.org* Seminars (GRASS GIS: Introduction to Graphical Modeler, Building Dynamic Maps Using Static Files).
- July 2014, Bucharest: *Sponge Media LAB Workshop*.
- April 2014, Cluj-Napoca: *geo-spatial.org* Seminars (Introduction to VTP – 3D

Exploration of Geographical Reality, GRASS GIS: Designing, Processing, Analysing and Visualizing Geospatial Data).

- November 2013, Timișoara: *geo-spatial.org Seminars* (Introduction to Leaflet, Creating, Processing, Analyzing and Publishing Geospatial Information Using Open-Source GIS Solutions).
- June 2013, Bucharest: *FOSS4G Central and Eastern Europe Conference*.
- April 2013, Cluj-Napoca: *geo-spatial.org Seminars* (Satellite Images Processing Using Leoworks 4, Introduction to GRASS GIS and POSTGRESQL / POSTGIS, Using the WRF Model in the Operational Weather Forecast, Designing Maps Using TileMill).

**Other Courses (MOOC - Massive Open Online Courses, Webinars)**

**Tourism and Aviation Courses / MOOCs:**

- November 2016: MOOC '*Blue Air*', Blue Air, OTT – Online Travel Training.
- November 2016: MOOC '*Turkish Airlines*', OTT – Online Travel Training.
- 2016: MOOC '*Algarve – Europe's Most Famous Secret*', OTT – Online Travel Training.
- November 2015: MOOC '*Royal Brunei Airlines*', OTT – Online Travel Training.
- November 2015: MOOC '*Egypt Tourism Office*', OTT – Online Travel Training.
- October 2015: MOOC '*Air France KLM*', OTT – Online Travel Training.
- September 2015: MOOC '*Minas Gerais*', BOT – Brazil Online Training.
- September 2015: MOOC '*Pernambuco*', BOT – Brazil Online Training.
- September 2015: MOOC '*Brazil by VBRATA – Visit Brazil Travel Association*', BOT – Brazil Online Training, VBRATA – Visit Brazil Travel Association.
- September 2015: MOOC '*TAP – Brazil Online Training*', BOT – Brazil Online Training, TAP Portugal.
- September 2015: MOOC '*British Airways Brazil Online Training*', BOT – Brazil Online Training, British Airways.
- September 2015: MOOC '*Maranhão*', BOT – Brazil Online Training.
- September 2015: MOOC '*The France Specialist Training Course*' - Certified Destination France Agent, Atout France.
- September 2015: MOOC '*Israel 2015*', OTT – Online Travel Training.
- September 2015: MOOC '*British Airways Training Academy – Level 1*', OTT – Online Travel Training.
- September 2015: MOOC '*British Airways Training Academy – Level 2*', OTT – Online Travel Training.
- September 2015: MOOC '*British Airways – Iberia Insights*', OTT – Online Travel Training.
- September 2015: '*Round-the-World Explorer Specialist*', one world's Training Academy.

- September 2015: MOOC '*Lounge Pass*', Lounge Pass, OTT – Online Travel Training.
- September 2015: MOOC '*Fly Through Heathrow Terminal 2 with Star Alliance*', Star Alliance, OTT – Online Travel Training.
- September 2015: MOOC '*Heathrow Airport 2014/2015*', Heathrow Airport Limited, OTT - Online Travel Training.
- September 2015: MOOC '*Leisure Pass*' - Leisure Pass Approved Group Agent (London, Paris, Berlin, Rome-Vatican), OTT - Online Travel Training.
- September 2015: MOOC '*Bateaux London*', OTT - Online Travel Training.
- September 2015: MOOC '*The London Bridge Experience*', OTT - Online Travel Training.
- September 2015: MOOC '*Greece 2015*', Greece – All Time Classic, OTT - Online Travel Training.
- September 2015: MOOC '*Etihad Airways Training Modules*', OTT - Online Travel Training.
- August 2015: MOOC '*Star Alliance Basic Course*', Star Alliance, OTT - Online Travel Training.
- August 2015: MOOC '*South Tyrol*', OTT - Online Travel Training.
- August 2015: MOOC '*Discover Turkey*', OTT - Online Travel Training.
- August 2015: MOOC '*Sky Team*', OTT - Online Travel Training.
- August 2015: '*Go Round the World pass - Selling rules*', Sky Team e-Academy.

#### **GIS / Remote Sensing / Informatics Courses / MOOCs:**

- October 2015: '*Going Places with Spatial Analysis*', MOOC, ESRI, Udemy.
- October 2015: '*Fuentes de información geográfica para SIGs ambientales - online course*' ('Geographical information sources for environmental GIS - online course'), MOOC, Udemy.
- October 2015: '*Master Website Development Using HTML & CSS - Spanish online course*', Erudeversity Video Library, Udemy.
- March 2015: '*Geospatial Intelligence & the Geospatial Revolution*' MOOC, Pennsylvania State University (Statement of Accomplishment with Distinction).
- January 2015: '*(Q)GIS Trainings: Functionality vs. Application*' Webinar, ICA-OSGeo Lab Network, MundoGEO.
- December 2014: '*From GPS and Google Maps to Spatial Computing*' MOOC, University of Minnesota (Statement of Accomplishment with Distinction).  
 ▪ October 2014: 'European Location Framework' Webinar, GeoSUR, MundoGEO.
- October 2014: '*The Dynamic Earth: A Course for Educators*' MOOC, American Museum of Natural History (Statement of Accomplishment with Distinction).



- September 2014: *'Introducing the QGIS Academy Project'* Webinar, ICA-OSGeo Lab Network, MundoGEO.
- September 2013: *'Maps and the Geospatial Revolution'* MOOC, Pennsylvania State University (Statement of Accomplishment with Distinction).

### **Geography and Environment Courses / MOOCs:**

- December 2016: *'Conocer el Mediterráneo (2.ª edición)'*, Universidad de Málaga, MiriadaX.
- August 2015: *'Introductory e-Course on Climate Change'*, MOOC, UN CC:Learn, United Nations Institute for Training and Research.
- October 2014: *'The Dynamic Earth: A Course for Educators'*, MOOC, American Museum of Natural History (Statement of Accomplishment with Distinction).

### **Publications**

#### **Scientific Articles:**

- *'Fabrica de Hârtie din Bușteni. Între abandon și scenarii de reconversie funcțională'*, in „Analele Asociației Profesionale a Geografilor din România”, vol. V, nr. 5, 2014 - „Patrimoniul industrial - Conservare, promovare culturală și reutilizare inteligentă”, pp.87-98.

#### **Popular science articles addressing the topic of protected areas, published in Greenly online journal, as a contributor (<http://greenly.ro>):**

- *'Suhaia – Un paradis acvatic în pericol'*.
- *'Rezervația Platoul Meledic – Ținutul de basm al Buzăului'*.
- *'Parcul Național Wigry – Protecția la superlativ'*.

#### **History articles, published in the online edition of Historia magazine (<http://www.historia.ro>):**

- *'Ar fi putut Germania Nazistă să câștige cel de-al Doilea Război Mondial? 3 reprezentări cartografice ale unor scenarii terifiante'*.
- *'<<Bârlogul Lupului>> - Buncărul lui Hitler ascuns în pădurile Poloniei'*.
- *'Palatul Scufundat – Istoria timpului din adâncurile Istanbulului'*.
- *'Turda – 1000 de ani de bunăstare provenită din exploatarea sării.'*
- *'Topul celor mai importante descoperiri arheologice accidentale'*.
- *'Vasa 1628: dezastrul Titanicului Scandinaviei'*.
- *'Tirolul de Sud. Rețeta succesului celei mai înstărite regiuni a Italiei'*
- *'Povestea lui Saul Steinberg – uitat în România, celebru pe mapamond'*

- *'Pe urmele lui Mimar Sinan. Top 10 monumente din Istanbul proiectate de arhitectul lui Süleyman Magnificul'*
- *'<<Mocănița – Trenul amintirilor>>. Scurtă incursiune în trecutul căii ferate forestiere Vișeu de Sus'*

**News published in the online edition of Historia magazine  
(<http://www.historia.ro>):**

- *'<<Portretele lui Cioran>> expuse în premieră la Biblioteca Națională a României'*
- *'Primul muzeul al fascismului va fi inaugurat în Predappio, orașul natal al lui Mussolini'*
- *'Sevilla – gazda festivalului <<Septiembre es Flamenco>>'*
- *'Descoperire arheologică în județul Neamț, unică pentru patrimoniul României'*
- *'Sinagogă distrusă de naziști – reconstituită cu ajutorul imaginilor radar'*
- *'Replică a celei mai puternice bombe nucleare a tuturor timpurilor – expusă la Moscova'*
- *'<<Loc și Vis>> la Galeria Galateca'*
- *'Misterul Stonehenge – adâncit sau aproape de a fi deslușit? Noi descoperiri arheologice în Câmpia Salisbury'*

**Articles published on <http://www.turismistoric.ro>:**

- *'Muzeul Etnografic de la Peșteana – Din dragoste pentru lumea satului hațegan'*
- *'Palatul Scufundat – Istoria templului din adâncurile Istanbulului'*
- *'Turda – 1000 de ani de bunăstare provenită din exploatarea sării'*
- *'Dezastrul Titanicului Scandinaviei – Vasa 1628'*
- *'Topul celor mai importante descoperiri arheologice accidentale'*
- *'Castelul Regal din Varșovia, Renașterea unui simbol'*
- *'<<Mocănița – Trenul amintirilor>>. O incursiune în trecutul căii ferate forestiere Vișeu de Sus'*
- *'Top 10 monumente din Istanbul proiectate de arhitectul lui Süleyman Magnificul'*

**Other publications:**

- *Chapter published in the anniversary brochure „eTWINNING GENERATION. Celebrating Ten Years of eTwinning”.*

**Contests - Participation and Awards****Geography Olympiad**

- April 2012: National Stage - Craiova, 2nd Prize.
- March 2012: Municipal Stage - Bucharest, 2nd Prize.
- April 2011: National Stage - Timișoara, Mention.
- March 2011: Municipal Stage - Bucharest, 3rd Prize.
- April 2010: National Stage - Târgoviște, Mention.
- March 2010: Municipal Stage - Bucharest, 1st Prize.
- April 2009: National Stage - Satu Mare, Mention.
- March 2009: Municipal Stage - Bucharest, Mention.
- May 2008: National Stage - Buzău.
- April 2008: Municipal Stage - Bucharest, Mention.

**'Earth Science' Olympiad**

- April 2012: National Stage - Brăila.
- March 2012: Municipal Stage - Bucharest, Mention.
- July 2011: National Stage - Bistrița.
- May 2011: Municipal Stage - București, Mention.
- June 2010: National Stage - Bârlad.
- May 2010: Municipal Stage - Bucharest, 3rd Prize.

**Other Awards**

- October 2012 - Diploma of Excellence (awarded by Bucharest Sector 2 City Hall) Olympics Gala, 7th Edition.
- October 2011 - Diploma of Excellence (awarded by Bucharest Sector 2 City Hall) Olympics Gala, 6th Edition.
- October 2010 - Diploma of Excellence (awarded by Bucharest Sector 2 City Hall) Olympics Gala, 5th Edition.
- October 2009 - Diploma of Excellence (awarded by Bucharest Sector 2 City Hall) Olympics Gala, 4th Edition.