Curriculum vitae

PERSONAL INFORMATION	Olimpia Copăcenaru

📍 7, Patrioților, 032282 Bucharest (Romania)

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✉ olimpia.copacenaru@gmail.com

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

EDUCATION AND TRAINING

2015–2017 — **Master degree in GIS (Geographic Information Systems)** — EQF level 7

University of Bucharest - Faculty of Geography, Bucharest (Romania)

2016 — **Erasmus+ Mobility**

Universidad de Córdoba, Facultad de Ciencias – Ciencias Ambientales, Córdoba (Spain)

2015–2017 — **Certification Courses for Teaching - Level II (thoroughgoing studies)**

University of Bucharest - Faculty of Psychology and Educational Sciences, Teachers' Training Department, Bucharest (Romania)

2012–2015 — **Bachelor degree (Graduate studies) in Geography** — EQF level 6

University of Bucharest - Faculty of Geography, Bucharest (Romania)

2012–2015 — **Certification Courses for Teaching - Level I (basic)**

University of Bucharest - Faculty of Psychology and Educational Sciences, Bucharest (Romania)

2008–2012 — **High School Studies (Baccalaureate Diploma)** — EQF level 3

'Mihai Viteazul' National College, Bucharest (Romania) –

Mathematics – Informatics, Intensive English

2000–2008 — **Primary and Secondary Studies** — EQF level 2

School no. 92, Bucharest (Romania)

WORK EXPERIENCE

08/2016–10/2016   Geography Teacher

Liceul Teoretic Naţional (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 ţara 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 Dambovita 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 Dambovita 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.

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, RSQLite - 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, Timişoara: *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, MiríadaX.
- 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 tempului 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'*
- *'<<Mocăniţa – Trenul amintirilor>>. Scurtă incursiune în trecutul căii ferate forestiere Vişeu de Sus'*

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

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

Articles published on http://www.turismistoric.ro:

- *'Muzeul Etnografic de la Peşteana – Din dragoste pentru lumea satului haţegan'*
- *'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 Varşovia, Renaşterea unui simbol'*
- *'<<Mocăniţa – Trenul amintirilor>>. O incursiune în trecutul căii ferate forestiere Vişeu de Sus'*
- *'Top 10 monumente din Istanbul proiectate de arhitectul lui Süleyman Magnificul'*

Other publications:
- *Chapter published in the aniversary brochure „eTWINNING GENERATION. Celebrating Ten Years of eTwinning".*

Contests - Participation and Awards	**Geography Olympiad**

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.