

Name of staff member	<i>Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project.</i>
 <p data-bbox="167 1304 493 1440">Genti Qirjazi, Lecturer, PhD. Department of Geodesy, Faculty of Civil Engineering.</p>	<p data-bbox="540 275 824 302">Position: Lecturer, PhD.</p> <p data-bbox="540 308 824 336">Education Background:</p> <ul data-bbox="540 342 1474 478" style="list-style-type: none"> - 2014 – 2022, Polytechnic University of Tirana, PhD in Geodesy. - 2010 – 2012, Polytechnic University of Tirana, Master of Science Degree in Geodesy. - 2007 – 2010, Polytechnic University of Tirana, Bachelor Degree in Geodesy. <p data-bbox="540 485 1166 512">Teaching experiences (name of the courses taught):</p> <ul data-bbox="540 518 1474 869" style="list-style-type: none"> - Spatial database modelling – MSc Geodesy, - Web-GIS - MSc Geodesy, - Adjustment Computations in Geodesy - MSc Geodesy, - Theory of Errors in geodetic measurements – Bachelor Geodesy. - More than 12 years of experience in Land Surveying, GIS technologies (including ESRI ArcGIS, Map Server, Open Layers, GeoServer and Google Maps API v3), Map Digitizing, Cartography, Programming and Developing for GIS purposes, Web Developing for GIS purposes (Web GIS), Spatial Database Management, GPS and GNSS network construction and surveying. <p data-bbox="540 875 1240 903">Research experiences (project title, funding source, year):</p> <ul data-bbox="540 909 1474 1831" style="list-style-type: none"> - October 2022 – on-going, Assistant Lecturer, Polytechnic Univ. of Tirana – Tirana, Albania. - October 2019– October 2022, Assistant Lecturer, Polytechnic Univ. of Tirana – Tirana, Albania. - October 2014 – October 2019; Part-time Assistant Lecturer, Polytechnic Univ. of Tirana – Tirana, Albania. - January 2010 – October 2019, Senior GIS Specialist ikubINFO – Tirana, Albania. - January 2009 – present; CEO, GENT ALBA shpk – Tirana, Albania. - Creation and implementation of a WebGIS Platform for administration of Municipality Land Register. (Dec 2016). - Expanding the functionalities of ASA WebGIS for the registration of field archaeological activity (Nov 2016-Jan 2017). Application using ASP.NET, PostGIS(PostgreSQL), GeoServer, Openlayers and Extjs. - Spatial Data Management and WebGIS Developing for the administration and management of Local Government Taxes (2016 - 2017). - GIS/Surveyor Specialist for the World Bank Project “LADI (Land Administration Data Improvement)” Phase II. (August 2016 - 2017). - Spatial Data Management and WebGIS Developing for IMK WebGIS (2015 - 2016). - Spatial Data Management and WebGIS Developing for ASHA WebGIS (2015). - GIS Expert for the World Bank Project “LADI (Land Administration Data Improvement)”, (2015 – 2016). - Spatial Data Management and Data extraction from “Devoll Hydropower” WebGIS Database, (2014).

- Spatial Data Management and WebGIS Developing for ASIG Geoportal (2014).
- GIS Expert and surveyor for World Bank project “Multi-Purpose Spatial Data Acquisition (P146682)” (2013 – 2014).
- WebGIS Developing for www.gis.al V2 (GIS web-based Application using ASP.NET, SQL Server 2008, GeoServer, Openlayers and Extjs) sub-portal of www.ikub.al (2013 – 2014).
- Developing Web-GIS application and Web Services for Digital Map (2013-2014).
- Developing Web Services for mobile App of “ikub.al” (a mobile Business Catalog using web services from the portal www.ikub.al), (2013).
- WebGIS Developing for company “Devoll Hydropower” (GIS web-based Application using ASP.NET, PostGIS(PostgreSQL), GeoServer, Openlayers and Extjs), (2012 - 2013).
- Programming of an Application for the dynamic generation of the map pages for the book “Libri i Bizneseve ikub.al” (Book of Businesses), (2011 - 2014).
- WebGIS Developing for General Directorate of Taxation (GIS web-based Application using ASP.NET, SQL Server 2008, and Google Maps API), (2012).
- WebGIS Developing for Municipality of Tirana (GIS web-based Application using ASP.NET, SQL Server 2008, and Google Maps API), (2012).
- WebGIS Developing for www.gis.al V1 (GIS web-based Application using ASP.NET, SQL Server 2008, and Google Maps API) sub-portal of www.ikub.al, (2010-2013).

Experiences in international projects (project title, funding source, year):

1. ERASMUS+, GEOWEB: “Modernizing geodesy education in Western Balkan with focus on competences and learning outcomes”, Project reference number: 561902-EPP-1-2015-1-SE-EPPKA2-CBHE-JP, European Commission Funding, 2015-2018 (<https://gidec.abe.kth.se/GEOWEB/management.htm>)
2. ERASMUS+, BESTSDI: “Western Balkans academic education evolution and professional's sustainable training for Spatial Data Infrastructures”, Project reference number: 574150-EPP-I-2016-1-HR- EPPKA2-CBHE-JP; European Commission Funding, 2016–2019 (<http://science.geof.unizg.hr/moodle/course/index.php?categoryid=7>)
3. ERASMUS+, GEOBIZ: “Business driven problem-based learning for academic excellence in Geoinformatics”, Project reference number: 601225-EPP-1-2019-1-HR-EPPKA2-CBHE-JP, European Commission Funding, 2019–2022 (<http://geobiz.eu/wp-content/uploads/2020/04/D6.1-GEOBIZ-PBD-v1.0.pdf>).
4. Comprehensive risk assessment of basic services and transport infrastructure – CRISIS : The project is funded by European Union under grant agreement: 101004830 — CRISIS — UCPM-2020-PP-AG. 2020 – 2022 (<http://www.crisis-project.org/>).

Publications:

- **G. Qirjazi:** "Precision Mapping with drones without the need for Ground Control Points" - International Conference of Civil Engineering (ICCE) 2017 (ISBN 978-9928-4429-2-5).
- **G. Qirjazi:** "DRONES AND STRUCTURE FROM MOTION: A REVOLUTION IN GEO-SPATIAL PRODUCTION" - FIRST WESTERN BALKAN CONFERENCE, GIS, Mine Surveying, Geodesy and Geomatics. Tirana, Albania 3-4 October 2018 (ISBN 978-9928-07-599-4).
- **G Qirjazi:** "Determining the Position of GNSS Network Stations based on the Permanent European GNSS EUREF Network (EPN)", International Journal of Science and Research (IJSR), Volume 10 Issue 7, July 2021, pp. 779-785, https://www.ijsr.net/get_abstract.php?paper_id=SR21714013221
- **G Qirjazi, B Drishti:** "Web-based GIS Application for Administrating a Municipal Territory Register", International Journal of Science and Research (IJSR), Volume 10 Issue 7, July 2021, pp. 1195-1201, https://www.ijsr.net/get_abstract.php?paper_id=SR21723151010