Name of staff member	*Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project.*
 **Bilbil Nurçe** Lecturer. Head of Research Group for Geodesy, Staff of Department of Geodesy, Faculty of Civil Engineering.	**Position**: Lecturer, PhD. **Education background**: ▪ Polytechnic University of Tirana 09/1987 - 07/1992. ▪ Britain's National Mapping Agency, Ordnance Survey International; Southampton, United Kingdom, 03/1994. ▪ Bundesamt für Kartographie und Geodäsi; Frankfurt on the Main, Germany, 09/2000 - 10/2000. ▪ Astronomical Institute of the University of Berne (Switzerland), 17.03 - 21.03.2003. ▪ Universite de Savoie, Chambery, France; Laboratoire de Geodynamique des Chaines Alpines; (NATO SfP. 977993 project); 17.05 - 31.05.2003. ▪ Polytechnic University of Tirana 03/2004 - 03/2008, Master of Science in Geodesy. ▪ Polytechnic University of Tirana, Faculty of Civil Engineering, 03/2009 - 01/2013, Doctor of Science in Geodesy. ▪ Vienna University of Technology, Austria; GNSS course; 31.05 – 11.06.2016. ▪ Ponferrada University, course; 11.09 – 16.09.2017. ▪ Mostar University, GNSS course; 16.10 – 21.10.2017. ▪ Norwegian Mapping Authority Hydrographic Service, Stavanger, Norway; Tide-gauge course, 27.11 – 30.11.2018. ▪ Split University, Croatia, Summer School, 26.06 – 30.06.2018. **Teaching experiences (name of the courses taught)**: GNSS Positioning, Engineering Geodesy, High Accurate Levelling, Advances GNSS and Applications, Geodetic Reference Systems. **Research experiences (project title, funding source, year):** ▪ Design & GPS Measurements with: "DMA Aero Space Center USA", April-October 1994. ▪ GPS Measurements with University of Wisconsin, Florida, USA, February 1998. ▪ Design and GPS Measurements in collaboration with specialists of Bundesamt für Kartographie und Geodäsie, Frankfurt on the Main, Germany, September 1998. ▪ Design and GPS Measurements in collaboration with National Geodetic Institute of Skopje/Macedonia, Central Laboratory of Academy of Sciences Sofia/ Bulgaria and Institute of Technology Massachusetts/ Cambridge, USA, October 2002. ▪ Design and GPS Measurements in collaboration with Laboratory of Geodynamics Alpine Chains LGCA (University de Savoie & University J. Fourier) France, Seismological Institute of Albania and Academy of Sciences by NATO program, 2002-2007).

	▪ Site Supervisor, Tokyo Engineering Consultants Co., Ltd. in association with Dorsch Consult Wasser und Umwelt GmbH and Euro partner's Consulting (March 2010 to April 2011). ▪ 05/2003– present, Lecturer, Department of Geodesy, Faculty of Civil Engineering. **Experiences in curriculum development and education management:** Participation at the reformation of Teaching Curricula on Bologna System levels in Branch of Geodesy. **Experiences in international projects (project title, funding source, year**): ▪ ASO- Project BALGEOS I (2008-2009). ▪ ALBPOS (Albanian Positioning System) 2006-2010; EU Funding. ▪ ASO-PROJECT BALGEOS II (2009-2010). ▪ OBSERVE (2010-2012). ▪ ERASMUS+, GEOWEB project (National Coordinator of UPT), (2015-2018). ▪ ERASMUS+, BESTSDI project (National Coordinator of UPT), (2016-2019). ▪ ERASMUS+, GEOBIZ project (National Coordinator of UPT), (2019-2022). **Publications:** ▪ Jäger R, Kälber S, Schneid S, Qeleshi G, **Nurce B.** and Cekrezi I, (2006): "*Realization of CoPaG/DFLBF and DFHRS Databases for Albania*". Buletini i Shkencave Gjeologjike (2), 2004. Redaksia e Buletinit te Shkencava Gjeologjike. ▪ B. Clark Burchfiel, R. W King, R. Nakov, T. Tzankov, N. Dumurdzanov, T. Serafimovski, A. Todosov, **B. Nurçe: "** *Patterns of Cenozoic Extensional Tectonism in the South Balkan, Earthquake Monitoring and Seismic Hazard Mitigation in Balkan Countries*, Vol. 81, p. 3 ÷ 18; By Husebye, Eystein S. (edt), Springer 2008, 289 pages, ISBN: 1402068131, ISBN 13: 978-1-4020-6813-3 (HB)/-6814-0 (PB)/-6815-7 (e-book). ▪ V. Kotzev, Robert W. King, B. Clark Burchfiel, A. Todosov, **B. Nurce**, R. Nakov: *"Crustal Motion and Strain Accumulation in the South Balkan Region Inferred from GPS Measurements*, *Earthquake Monitoring and Seismic Hazard Mitigation in Balkan Countries*, Vol. 81, p. 19 – 47; By Husebye, Eystein S. (edt), Springer 2008, 289 pages, ISBN: 1402068131, ISBN 13: 978-1-4020-6813-3 (HB)/ -6814-0 (PB)/ -6815-7 (e-book). ▪ G. Gjata, Q. Skuka, S. Allaraj, **B. Nurçe**, A. Xhialli: "*Earth Observation activities for the environment in Albania"*; South Eastern European Journal, ISSN 2241 1224, p. 21 ÷ 35. ▪ Y. Altıner, Ž. Bačić, T. Bašić, A. Coticchia, M. Medved, M. Mulić, and **B. Nurçe**: "*Present - day tectonics in and around the Adria plate inferred from GPS measurements"*; Geological Society of America Special Papers, 2006, 409, p. 43 ÷ 55, ISBN print: 9780813724096; https://doi.org/10.1130/2006.2409(03). ▪ B. Clark Burchfiel, Robert W. King, A. Todosov, V. Kotzev, N. Durmurdzanov, T. Serafimovski and **B. Nurce: "***GPS results for Macedonia and its importance for the tectonics of the Southern Balkan extensional*

	regime"; Tectonophysics Volume 413, Issues 3-4 , 10 February 2006, Pages 239 ÷ 248. ▪ V. Kotzev, R. W. King, B. C. Burchfiel, A. Todosov, **B. Nurce**, R. Nakov: "*Crustal motion and strain accumulation in the South Balkan region inferred from GPS measurements"*; Earth Sciences, Geophysics Papers; ISBN: 9781402068133, p. 19 ÷ 43. ▪ **B. Nurçe**, Q. Skuka: " *Gravity networks and Height Systems in Albania"*; Springer 2012, Ref: Ms. No. IAGS-D-12-00095R1. ▪ A. Caporali, M. Floris, X. Chen, **B. Nurce**, M. Bertocco, J. Zurutuza: "*The November 2019 seismic sequence in Albania: Geodetic Constraints and Fault Interaction"*; Remote Sens. 2020, Volume 12, Issue 5, 846 (CiteScore 4.89 Scopus, Faktor impakti 4.118); https://www.mdpi.com/2072-4292/12/5/846/htm ▪ **B. Nurçe**, E. Blloshmi, B. Sina: *Evaluation of the parcels positions according to IPRO's cadastral maps and Ortophotos through field survey with Total Station and GNSS receiver*; International Journal of Scientific & Engineering Research Volume 12, Issue 8, August-2021, pg. 75-84, ISSN 2229-5518; https://www.ijser.org/onlineResearchPaperViewer.aspx?Evaluation-of-the-parcels-positions-according-to-IPROs-cadastral-maps-and-Ortophotos-through-field-survey-with-Total-Station-and-GNSS-receiver.pdf. ▪ **B. Nurçe**: *Comparative analysis of the positioning accuracy through GNSS static and kinematic methods*; International Journal of Scientific & Engineering Research Volume 12, Issue 9, September-2021, pg. 500-512, ISSN 2229-5518; https://www.ijser.org/onlineResearchPaperViewer.aspx?Comparative-analysis-of-the-positioning-accuracy-through-GNSS-static-and-kinematic-methods.pdf. ▪ **B. Nurçe**: *Proposal for a new naming and dimensions of the topographic map/plan sheets of Albania*; International Journal of Scientific & Engineering Research Volume 13, Issue 2, February-2022, pg. 827-832, ISSN 2229-5518; https://www.ijser.org/journal-volume13-issue2-February-2022-edition-p3.aspx. ▪ **B. Nurçe**, B. Sina, E. Blloshmi: *Evaluation of the transformation models of ellipsoidal heights (h) into Orthometric height (H) for Albania*; International Journal of Scientific & Engineering Research Volume 13, Issue 3, March-2022, pg. 372-382, ISSN 2229-5518, https://www.ijser.org/onlineResearchPaperViewer.aspx?Evaluation_of_the_transformation_models_of_ellipsoidal_heights_h_into_Orthometric_height_H_for_Albania.pdf