

Tea Duplančić Leder - biography

Tea Duplančić Leder was born on September 21, 1960, in Split. She attended primary and secondary school in Split. Enrolls in the Faculty of Geodesy at the University of Zagreb. She enrolled in postgraduate studies at the Faculty of Geodesy of the University of Zagreb, majoring in cartography, in 1990, and in 2000 she defended her master's thesis on Electronic Charts in Maritime Cartography. She enrolled in doctoral studies at the Faculty of Geodesy in the same year. After passing all the exams in 2005, she applied for the topic of her doctoral dissertation, New Approach to the Creation of Electronic Navigation Charts in Croatia. She received her doctorate in 2006. Part of the research from the doctoral thesis was published in 2007 as an article in the international WoS CC scientific journal Journal of Navigation (quartile journal Q2).

She completed her internship in 1986 at Elektrodalmacija Split and then worked for half a year at the Ćiro Gamulin high school for construction. She joined the Hydrographic Institute in 1988. From 1994 to 2004, she worked as the head of the Cartographic Department, and from 2004 to 2007, as the chief editor of nautical charts in the production and control of electronic nautical charts (ENC). During her work, she attended various training courses: in 2002, the Nautical Cartography course at the International Maritime Academy in Trieste, and in 2005, the ENC data quality control and validation course in Carrara at the C-map Italy company.

Since June 1, 2007, she has been employed at the Faculty of Civil Engineering and Architecture in Split. She held the position of vice dean for Geodesy and geoinformatics studies at the Faculty of Civil Engineering, Architecture, and Geodesy from 2010 to 2016, and is currently the head of the Scientific Research Laboratory - Environmental Geodetic Research at the Faculty.

She has co-authored 15 scientific articles in journals indexed in WoS and 6 scientific articles in journals that are represented in other bibliographic databases, as well as 18 scientific articles in proceedings of international scientific meetings. She is a member of the editorial board of TransNav magazine. She reviewed about 50 papers in international and domestic journals. The paper Optimal conditions for satellite-derived bathymetry (SDB) - a case study of the Adriatic Sea was chosen as the FIG article of the month in May 2021. She was a collaborator on several scientific research projects, and today she is the head of the Scientific Research Laboratory Center Geodetic Research in the Environment at the Faculty of Civil Engineering, Architecture and Geodesy, University of Split.

She is a member of the Croatian Cartographic Society and the Croatian Geodetic Society, the Croatian Commission for Geodesy and Geophysics (HPGG) at the Croatian Academy of Sciences and Arts, the American Association for Science and Technology (AASCIT) and the International Association for Urban Climate. She was a member of the Commission on Marine Cartography of the International Cartographic Association (ICA).