

## Statement of Candidate for Member-At-Large in the IDS Governing Board

My main research area is the combination of the different space-geodetic techniques for the generation of a global geodetic reference frame and for the estimation of Earth orientation parameters. Throughout my career I have been involved with the four space-geodetic techniques and their international services. I started with GNSS and the IGS during my studies at TU Dresden and got involved in the ILRS while processing SLR data during my PhD research at AIUB in Bern. I came into contact with the IDS while processing DORIS observations (together with GNSS and SLR data) during my research fellowship at ESA for the generation of precise and homogeneous orbits for Jason-1 and Jason-2. More recently, I have been involved in the IVS, while advocating and working on the implementation of VLBI in geodetic software packages, capable of processing multiple techniques and thus allowing for a combination at the observation level.

Along the way I gained insight into how the different services work, on the pros and cons of the techniques, but also on the limitations in terms of human and financial resources to ensure a sustainable geodetic infrastructure. This is why I also support the UN activities related to the GGRF through the Global Geodetic Center of Excellence (GGCE) in Bonn. I am also involved in BKG's Genesis activities and am very much interested in how the scientific community can benefit from the Genesis mission, which combines the four geodetic techniques on board a satellite.

I am convinced that the geodetic services IDS, IGS, ILS and IVS could support and learn from each other. Being part of the IDS GB would certainly help me to broaden my knowledge on DORIS and how the other techniques could benefit from DORIS. I would be happy to spread the word and promote the IDS and help to get more visibility in the international geodetic communities.

28<sup>th</sup> November 2024, Claudia Flohrer