

# IDS CONTRIBUTION TO GLOBAL MONITORING OF PLANET EARTH

Feissel,M

Observatoire de Paris and Institut Géographique National

ENSG/LAREG

77455

Marne la Vallée Cedex 2

France

33 (0) 1 64 15 32 83

33 (0) 1 64 15 32 53

[feissel@ensg.ign.fr](mailto:feissel@ensg.ign.fr)

The DORIS observing system is based on satellite tracking of a globally distributed terrestrial network, colocated in part with VLBI, GPS, SLR stations and tide gauges. The DORIS orbitography payload is colocated with SLR and GPS on board several satellites. DORIS is able to contribute with its specific strengths to the integrated monitoring of the movements and deformations of the solid Earth and its oceans. The presentation will introduce the current achievements and expected improvements, with the recently launched satellites and the start of the new International DORIS Service, IDS.