

**Resume of Gastellu-Etchegorry Jean Philippe**

Jean-Philippe Gastellu-Etchegorry received an Engineer degree (ENSEEIHT) in 1978, in the field of physics and electricity. He obtained an aggregation degree (higher competition degree in education, in France) in the field of physics (Paris VI University) in 1981. He got a PhD degree in solar physics in 1983 at Paul Sabatier University (PSU). After being posted a few years in the Remote Sensing Center of Gadjah Mada University (Indonesia) and in Bangkok (Thailand), he obtained a PhD degree in remote sensing and digital image processing, in 1989 (PSU). In 1990, he became a permanent staff of PSU where he was the leader of the Remote Sensing group of the Centre d'Etude Spatiale des Rayonnements for 3 years. In 1995, he joined CESBIO ([www.cesbio.ups-tlse.fr/index\_us.htm](http://www.cesbio.ups-tlse.fr/index_us.htm)), where he was the leader of the modeling team for 15 years. He is presently deputy director of CESBIO since 2007. In 1997, he became full professor at PSU. Since 2002, he heads a Remote Sensing Society of 3000 members, in collaboration with AUF (Agence Universitaire de la Francophonie: [www.reseautd.auf.org/](http://www.reseautd.auf.org/)). Since 2007, he is President of the Scientific Council of IUT (a major faculty of PSU). His major research work is about radiative transfer modeling. Since, 1992, he heads the team that develops the DART model (http://www.cesbio.ups-tlse.fr/dart/#/) that simulates the radiative budget and also satellite, airborne and in-situ spectroradiometer and LIDAR acquisitions of natural and urban landscapes. This model was patented in 2003 with increasing number of licensees (NASA, KCL, CAS, etc.). It is now being extended to model fluorescence and polarization. He already acted as a remote sensing expert with World Bank, FAO/United Nations and European Space Agency. He headed and participated in numerous projects with strong modeling and remote sensing components: ESA (Hyperspectral "Red Edge" and "HYPOS", "Fire"), European Community (UrbanFluxes: <http://urbanfluxes.eu/>), CNES (LiDAR, Hyperspectral). He wrote 91 papers (rate A), 8 invited communications and 7 books and book chapters (https://www.researchgate.net/profile/Jean-Philippe\_Gastellu-Etchegorry/contributions).