This paper presents the astronomical so-called Virtual Observatory (VO), an ambitious international proposal to provide uniform, convenient access to disparate, geographically dispersed archives of astronomical data from software which runs on the computer on the astronomer's desktop. The VO could be of interest for the geodetic community; we present here some of our efforts in this direction that we have recently achieved. Astronomers using that Virtual Observatory are now organized within an international association called the International Virtual Observatory Alliance (IVOA). As noted on the IVOA website, IVOA was formed in June 2002 with a mission to "facilitate the international coordination and collaboration necessary for the development and deployment of the tools, systems and organizational structures necessary to enable the international utilization of astronomical archives as an integrated and interoperating virtual observatory."

GRGS (« Groupe de Recherche de Géodésie Spatiale ») now routinely delivers geodetic products to most of the space geodetic services of the International Association of Geodesy (IAG): IERS, IGS, ILRS, IVS, and IDS. Some of these products are now natively archived following the data format recommended by IVOA, the VO-Table format, an improved version of the XML format. We give some examples of Webservices that are now provided through the GRGS Analysis Center Webpages. In particular, we pay a particular attention on (i) Space Station Coordinates time series deduced from SLR and GPS data, (ii) EOP time series deduced from SLR and VLBI data (iii) Time Transfer by Laser Link (T2L2) data and the associated webservices.