Rapid advances in geographic information systems have created a potential for dynamic geovisualisation (geovis) to be integrated with exploratory information visualisation (infovis). The fast growing quantity of statistical data accessible over the Internet creates potential for such integrated tools to be used in a wide range of application domains. The analysts search for relationships, patterns and trends to gain understanding and knowledge of the data without having any prior assumptions or theories. While researchers have made substantial advances in infovis and geovis over the past decade, many challenges remain. As statistics data sets become increasingly large and complex, the users require more effective multi-dimensional visualisation tools and faster interactive performance. This challenge demands improved fundamental methods for data model and visual exploration analysis. The potential to apply integrated infovis and geovis tools for analysing multivariate statistics data over time represents another interesting research challenge. The Web is today’s prominent medium to disseminate geospatial data and maps, but most Web-enabled integrated infovis and geovis applications provide limited interactive performance and are not suitable for collaboration. This presentation will make an attempt to summarize research advances and remaining challenges through real-time demonstrations.