Biomathematics and Statistics Scotland

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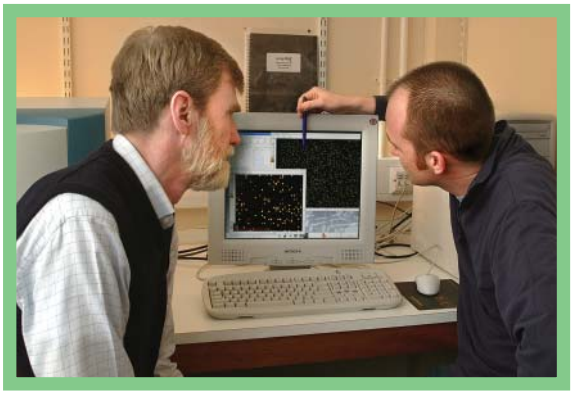
Biomathematics and Statistics Scotland (BioSS) holds a central position in SEERAD-sponsored research, with a cross-organisational role and emphasis on methodological issues. Formally, BioSS forms part of the SCRI family, with the distinctive remit:

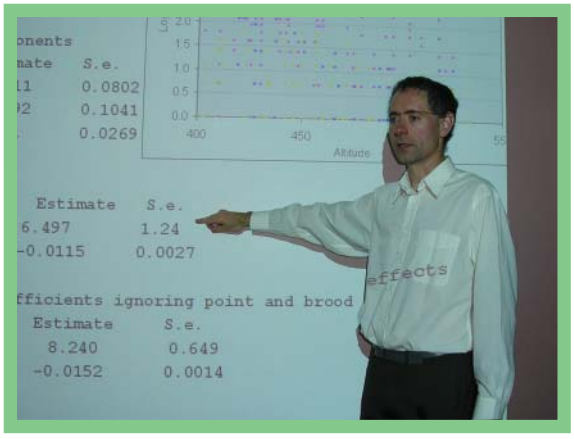
> *"to support the research programme of the Scottish Executive Environment and Rural Affairs Department and its sponsored institutes, through specialist advice and training, and to provide research in statistics and biomathematics."*

To achieve this remit, BioSS has a distributed staffing structure with headquarters on the King's Buildings science campus of the University of Edinburgh and offices at SEERAD-sponsored research organisations in Edinburgh, Aberdeen, Dundee and Ayr. The three main BioSS activities, namely research, consultancy and knowledge transfer, can be summarised as follows.

Research BioSS has an international reputation for its research in biomathematics and statistics. Our research is partitioned into three themes, each of which draws on the expertise and experience of staff: statistical genomics and bioinformatics; spatial and temporal models; process and systems modelling. BioSS also has many active links with universities and research organisations in Scotland, the rest of the UK and beyond.



Consultancy BioSS consultants add quantitative expertise to research throughout Scotland. Our staff have technical skills that are applicable to a wide range of scientific problems and the communication skills that allow them to interact effectively with scientists from other disciplines. Scientific areas in which we have particular expertise include: plant science; animal health and welfare; ecology and environmental science; human health and nutrition.



Knowledge Transfer BioSS bridges the gap between the development and application of biomathematics and statistics, and we are strongly committed to the dissemination of modern quantitative methods to the scientific community, government and the bio-industries. Key aspects of our programme of knowledge transfer include: development of software products; delivery of training courses for scientists; supervision of PhD students.