



## Biomathematics & Statistics Scotland

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BioSS undertakes research, consultancy and training in mathematics and statistics as applied to agriculture, the environment, food and health. Our Vision is:

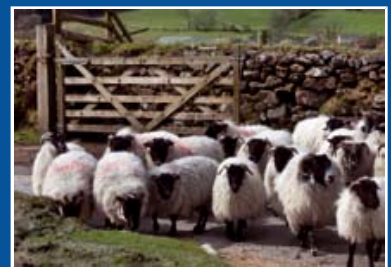
**"to improve science & society through an understanding of variation, uncertainty and risk"**

We are one of the Main Research Providers (MRPs) for strategic research in environmental, agricultural and biological science funded by the Scottish Government's Rural and Environment Science and Analytical Services Division

(RESAS).

We have a distributed staff structure to allow close contact with scientists throughout Scotland, with headquarters on the King's Buildings science campus of the University of Edinburgh and offices in Edinburgh, Aberdeen, Dundee and Ayr. We have strong collaborations with many research organisations and universities, and provide high-level statistical, mathematical and computational skills to many client organisations in government and the private sector.

BioSS has an international reputation for its research in biomathematics and statistics and can draw on a wide range of expertise and experience. Our research is



partitioned into three themes, each of which draws on the expertise and experience of staff:

- statistical genomics and bioinformatics

- process and systems modelling

- statistical methodology

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, especially in:

- plant science

- animal health and welfare

·ecology  
and  
environmental  
science

·human  
health and  
nutrition

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 include the:

- development of software products

- delivery of training courses for scientists

- supervision of PhD students

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