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## Professor Geoffrey Boulton

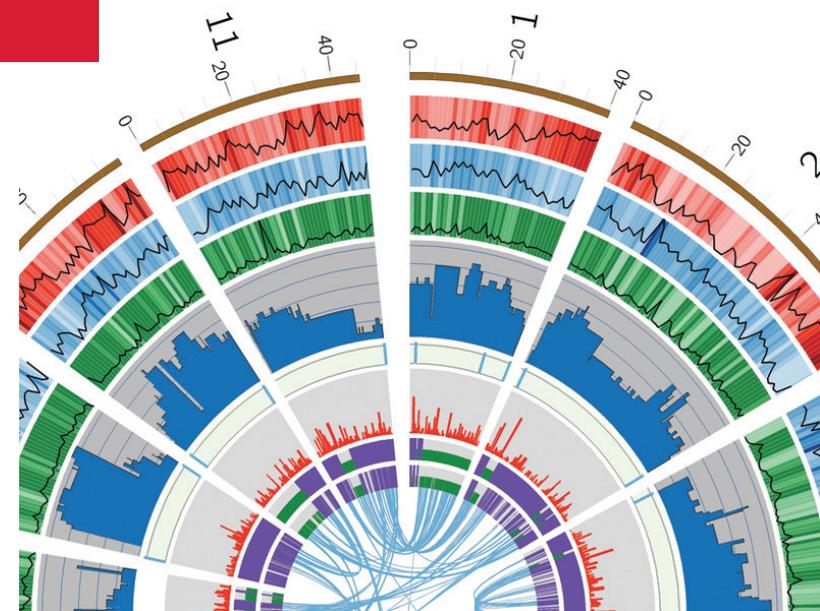
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Professor Geoffrey Boulton is Regius Professor of Geology Emeritus at the University of Edinburgh, and former Vice-Principal of the University. He is a Fellow of the Royal Society and of the Royal Society of Edinburgh (Scotland's national academy). He is a member of the Council of the Royal Society, chairs its Science Policy Centre, and was principal author of its influential report *Science as an Open Enterprise*. Building on the recommendations of that report, he was responsible for creating the UK Research Data Forum and is a member of the UK Government's Research Transparency Board. He is President of the Scottish Association for Marine Science and until recently was a member of the UK Prime Minister's Council for Science and Technology, the UK's top-level science policy body. He has been a member of the Royal Commission on Environmental Pollution and the Natural Environment Research Council, chairing its Earth Science and Technology Board and its Polar Science Board. He has been the UK representative to the International Union of Geological Sciences (IUGS) and to the International Union for Quaternary Science (INQUA).

His research is in the fields of environmental geology and glaciology, frequently involving large and diverse data volumes, and he currently leads a major project on the Antarctic Ice Sheet. National and international awards for his science include the Kirk Bryan Award of the Geological Society of America, the Seligman Crystal of the International Glaciological Society, the Lyell Medal of the Geological Society, the Royal Medal of the Royal Geographical Society, the Croll Medal of the Quaternary Research Association, and honorary doctorates from the Universities of Heidelberg, Chalmers University, Birmingham and Keele.

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## Open Data, Big Data and the Future of Science

Professor Geoffrey Boulton

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Senate Hall  
University of Pretoria, Hatfield Campus



