SDG 17

**International collaboration data gathering**

We participate in international collaboration on gathering or measuring data for the SDGs

| Name | Discipline | Related SDG(s) | Descriptor of role or involvement | Links |
| --- | --- | --- | --- | --- |
| Lesley Anderson | Applied Health Sciences | 3, 9 | Industrial Centre for Artificial Intelligence Research in Digital Diagnostics (iCAIRD) is transforming the way we work across NHS and Universities in Scotland, with global industry and SME digital technology companies. iCAIRD uses AI to optimise clinical workflows combining clinical, patient, and data inputs to tackle immediate health challenge areas. | <https://www.abdn.ac.uk/achds/research/icaird-182.php>  |
| Greta Bocedi | Biological Sciences | 13, 15 | RangeShifter software is a state-of-the-art eco-evolutionary modelling platform that is used worldwide for theoretical and applied purposes.  | <https://rangeshifter.github.io/> <https://abdn.pure.elsevier.com/en/publications/rangeshifter-20-an-extended-and-enhanced-platform-for-modelling-s>  |
| Lucia D’Ambruoso | Applied Health Sciences | 3, 10 | Working with South African communities and government to improve equity in accessing healthcare. The VAPAR learning platform supports across sectors: public, policy makers, analysts, researchers, evaluators and planners to allow engagement and learn by generating local data and act on research evidence of practical, local relevance. | <https://www.abdn.ac.uk/people/lucia.dambruoso#research> <https://www.vapar.org/>  |
| John Howell | Geosciences | 13, 15 | John Howell co-founded V3Geo a public database of over 400 virtual models of geological phenomena from around the world that scientists, teachers and the public can share and learn from. | <https://v3geo.com/about><https://www.abdn.ac.uk/news/22881/>  |
| James N’Dow | Applied Health | 3 | PIONEER is a European Network of Excellence for Big Data in Prostate Cancer, consisting of 32 partners, across 9 countries. The project’s goal is to ensure the optimal care for men living with prostate cancer by unlocking the potential of Big Data and Big Data analytics | <https://prostate-pioneer.eu/>  |
| Ehud Reiter | Computing Science | 3, 9 | Ehud Reiter runs several research collaborations, including Philhumans – to develop innovative Artificial Intelligence (AI) and establish user interaction with personal health devices in an advanced and intuitive way. This project involves collaboration and data collection from 8 countries. | <https://www.abdn.ac.uk/people/e.reiter#research> <https://www.philhumans.eu/> |
| Patience Schell | Language, Literature, Music and Visual Culture | 11 | Patience Schell is building on her ground-breaking interdisciplinary work on the Manual de Carreño to redesign a website platform for global data collection as a dual-lingual, research and impact-oriented portal. Using a citizen science model, the website (in Spanish and English) to allow visitor contributions, documenting editions, forms of circulation and personal engagement with the text, thus creating a public, dynamic archive relating to Antonio Carreño’s Manual de urbanidad y buenas maneras (Manual of Courtesy and Good Manners), published in 1853 in Caracas.  | <https://www.abdn.ac.uk/research/explore/projects/46/> |
| Matteo Spagnolo | Geosciences | 13 | Matteo Spagnolo collates global remote sensing datasets, to understand glacial velocity at the times around avalanche events. The multidisciplinary project compiles a timeseries of satellite data for this and similar events and will improve our understanding of ice avalanche processes. | <https://www.abdn.ac.uk/research/explore/projects/15/> |
| Justin Travis | Biological Sciences | 13, 15 | Led by the Justin Travis, in collaboration with Bangor University in Wales, Lakehead University in Canada, and several Indonesian institutes including IPB University in Bogor, the team used Southeast Asia - one of the world’s most biodiversity-rich regions - as a natural laboratory to examine data tracing the geographic origins of a wide range of species.Their findings challenge long-standing theories that groups of flora and fauna evolved separately on different landmasses before diversifying across the region. | <https://www.abdn.ac.uk/news/23570/> |

**Schools, Departments, Partnerships, or Centres**

|  |  |  |
| --- | --- | --- |
| Name | Descriptor  | Links |
| Aberdeen Centre for Health Data Science (ACHDS) | Aberdeen Centre for Health Data Science brings together health and data science experts with clinical colleagues, industry and the public to address the heath challenges faced within our local community, nationally, and across the globe. | <https://www.abdn.ac.uk/achds/index.php>  |
| Health Services Research Unit (HSRU) (now Aberdeen Centre for Evaluation, ACE) | Health Services Research Unit (HSRU) has impacted millions of people’s lives nationally and globally between 1988 and 2024. Their published report includes case studies of HSRU programmes which have brought together data through international collaborations encompassing multiple nations.  | [https://www.abdn.ac.uk/hsru/documents/HSRU%20Impact%20Report%201988-2024%20(small).pdf](https://www.abdn.ac.uk/hsru/documents/HSRU%20Impact%20Report%201988-2024%20%28small%29.pdf) |
| Interdisciplinary Centre for Data and AI | The Interdisciplinary Centre for Data and AI brings together researchers including international collaborations to tackle climate change, energy transition, agri-food, life sciences & healthcare, and others | <https://www.abdn.ac.uk/research/explore/data-ai-572.php> |
| Biological Sciences | Environmental modelling group: The group models all aspects of the environment, but specialise in global change impacts on ecosystems, soils, agricultural and land-based options to mitigate climate change, greenhouse gas emissions, environmental and agricultural sustainability, global carbon cycle, ecosystem modelling, food security, ecosystem services, bioenergy and other forms of energy modelling. Data collection is in collaborations with experimental laboratory and field scientists – locally, nationally, and internationally. | <https://www.abdn.ac.uk/sbs/research/environmental-modelling-587.php>  |