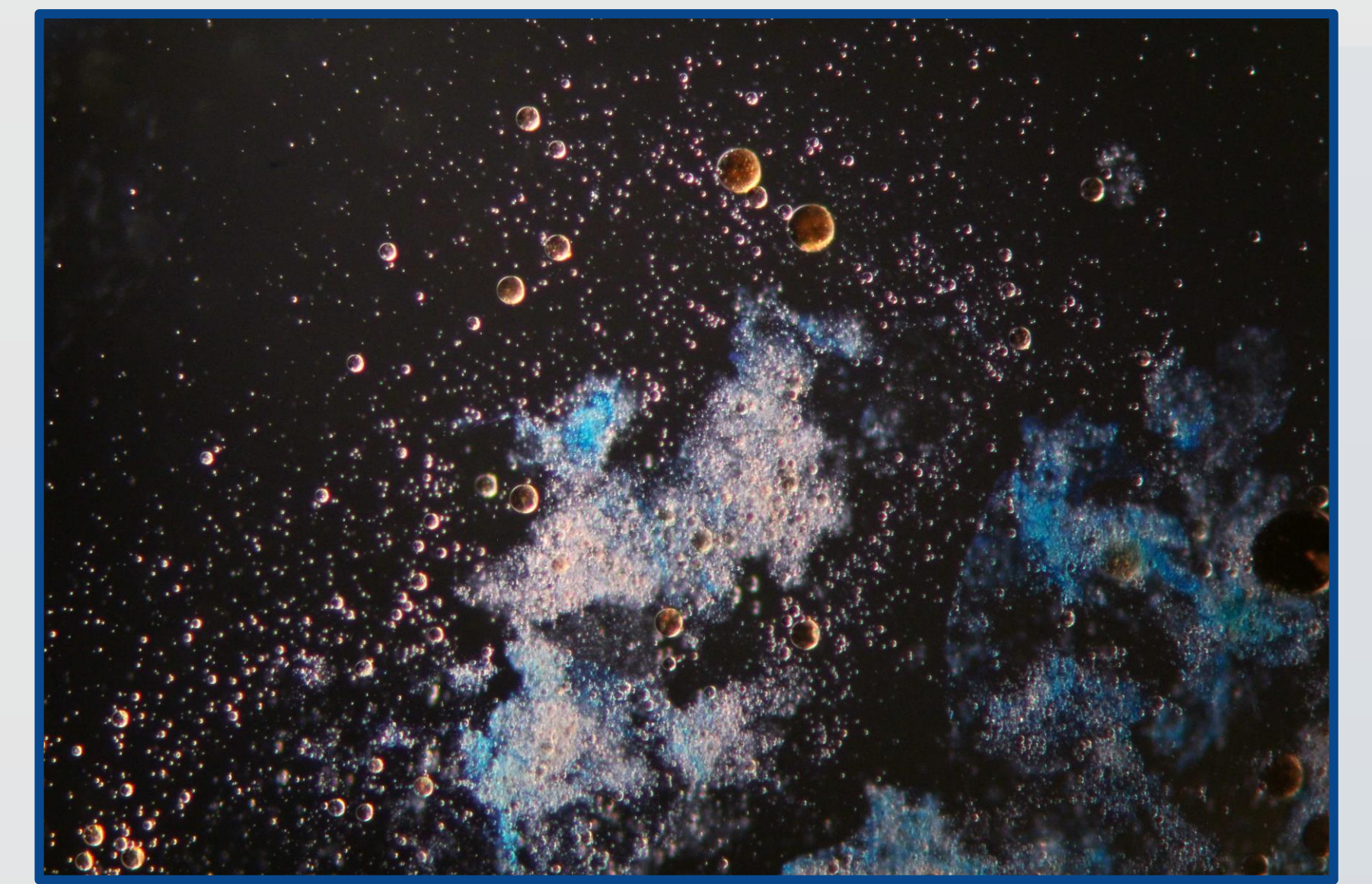
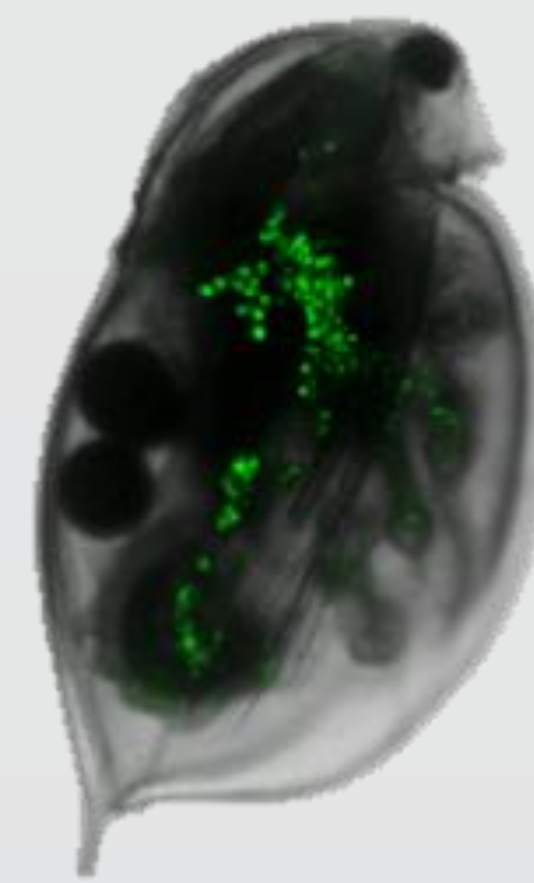
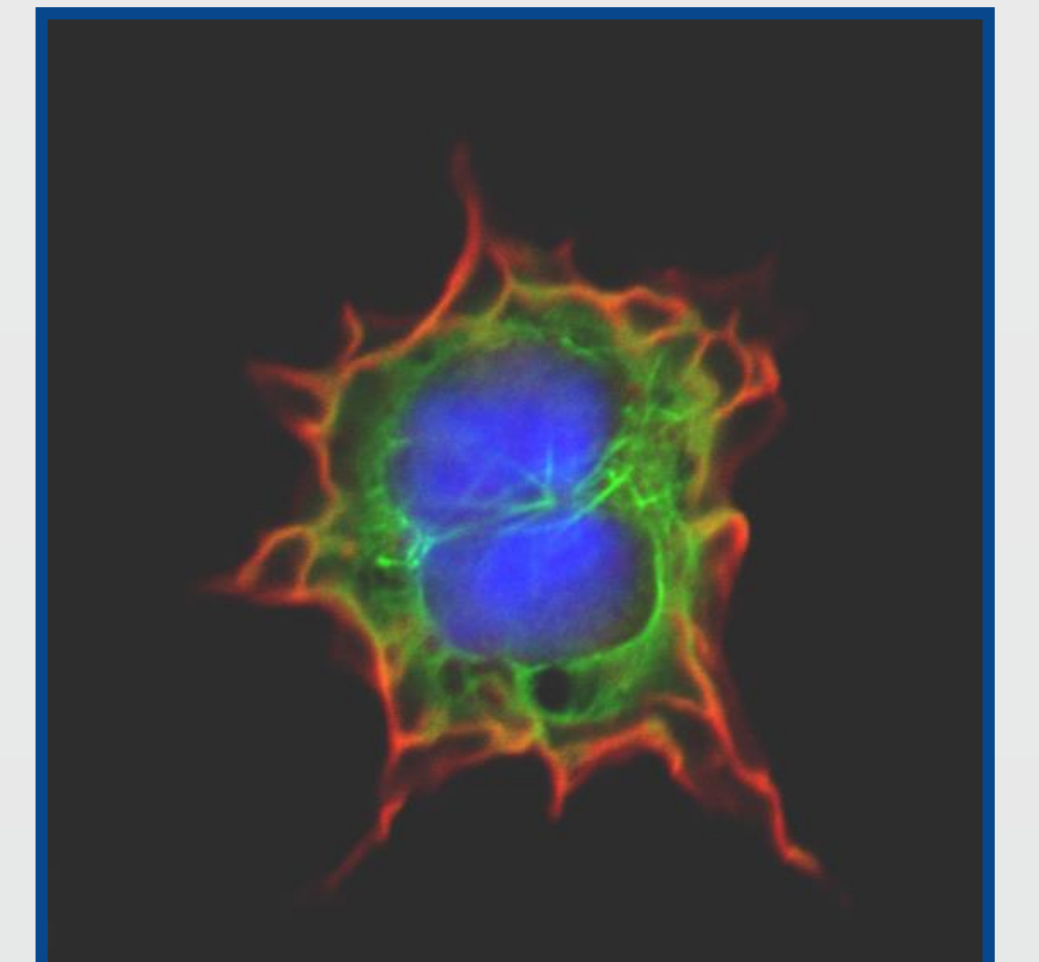
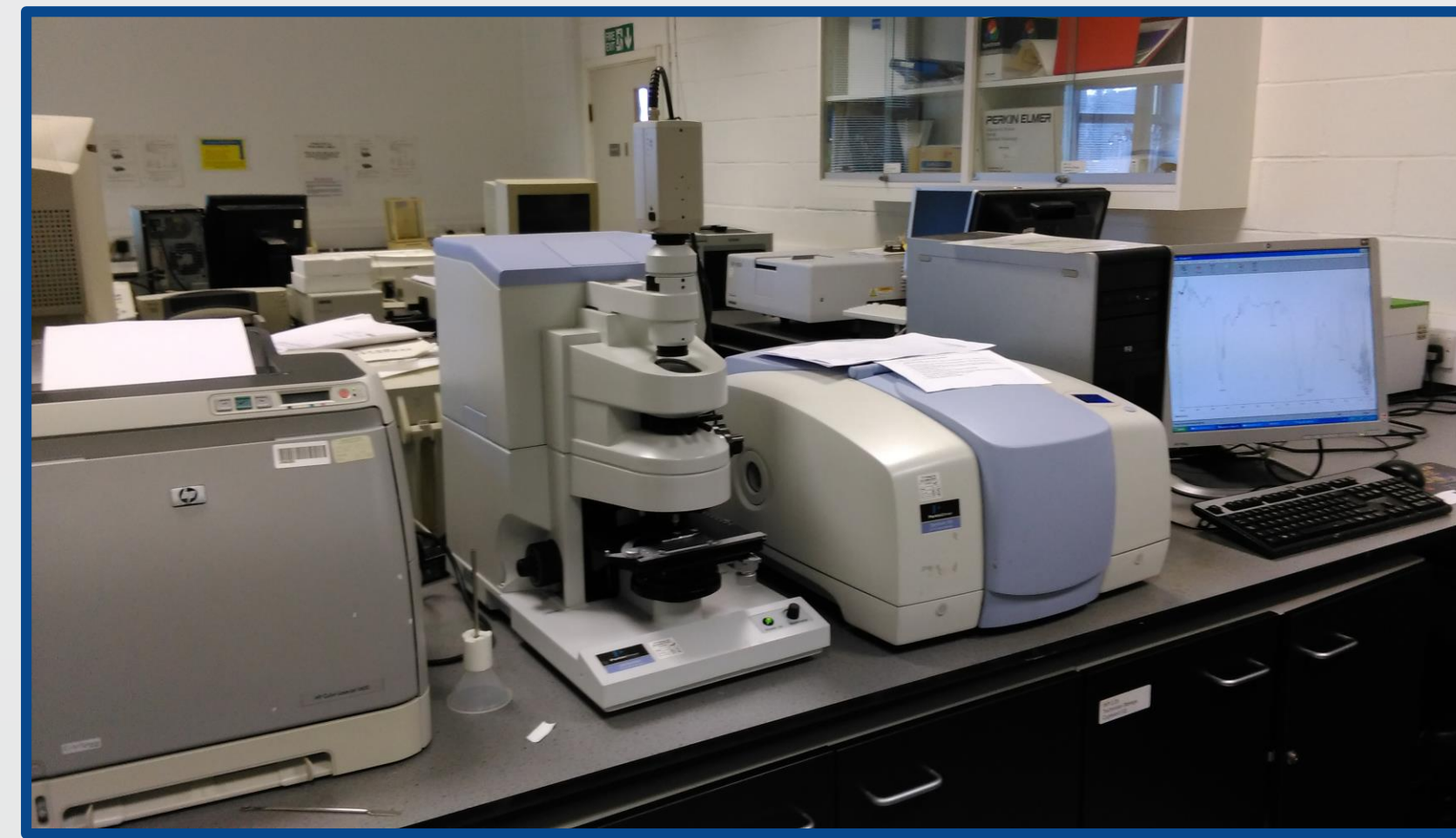


Risks, hazards and uncertainties

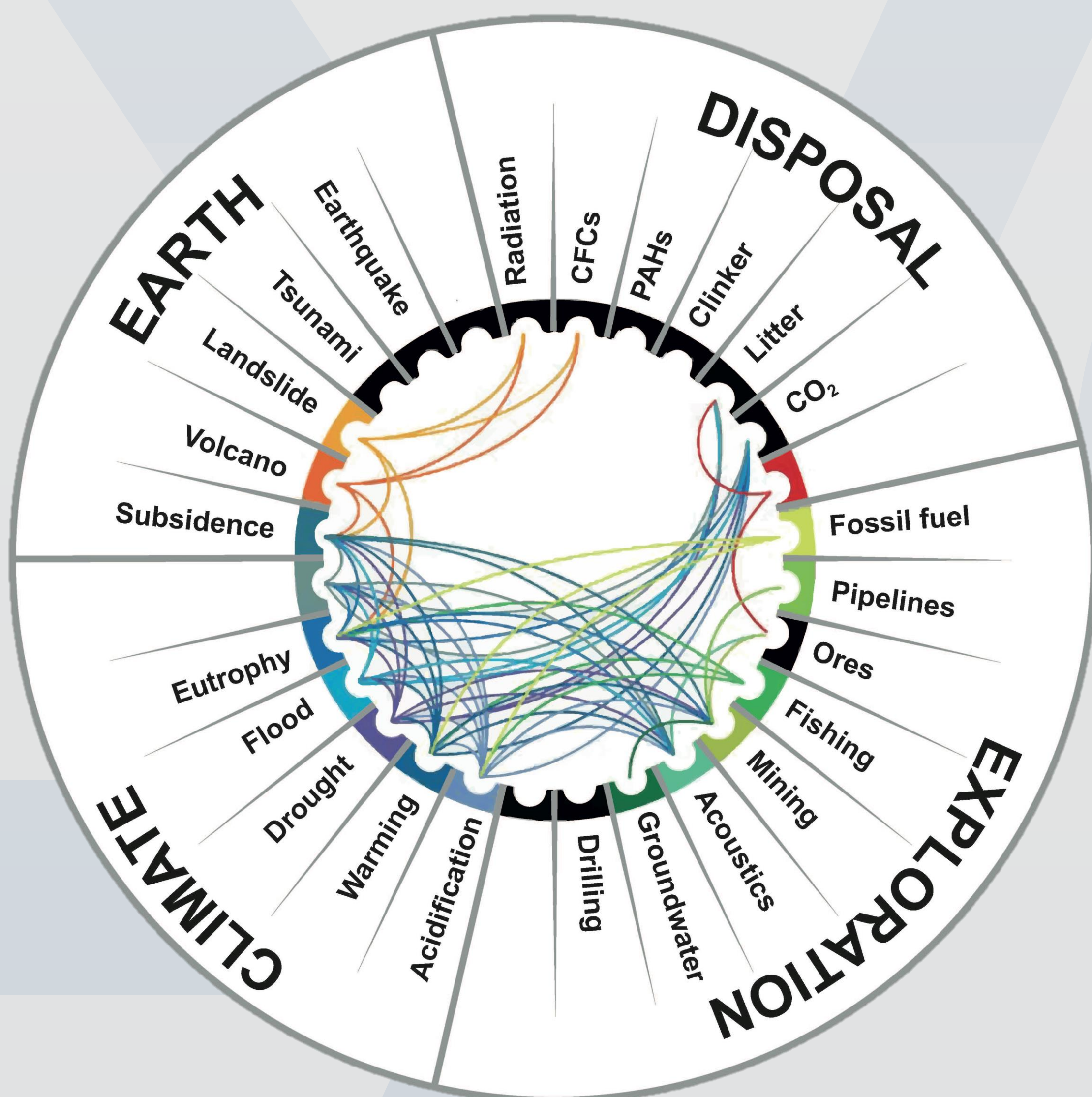
Contacts: Teresa F. Fernandes (t.fernandes@hw.ac.uk), Andrew K. Sweetman, Ryan Pereira, Thomas Wagner, Mark Hartl, Ted Henry, Vicki Stone, Andreas Busch, Lindsay Beevers, Lila Collet, Gareth Pender

Earth systems are subject to a wide range of both natural and anthropogenic risks

Our inter-disciplinary team assesses the effects of floods, erosion and other natural hazards, as well as the effects of human activities. We work together with industry, government and leading professionals in assessment, mitigation and management of these risks and their uncertainties.



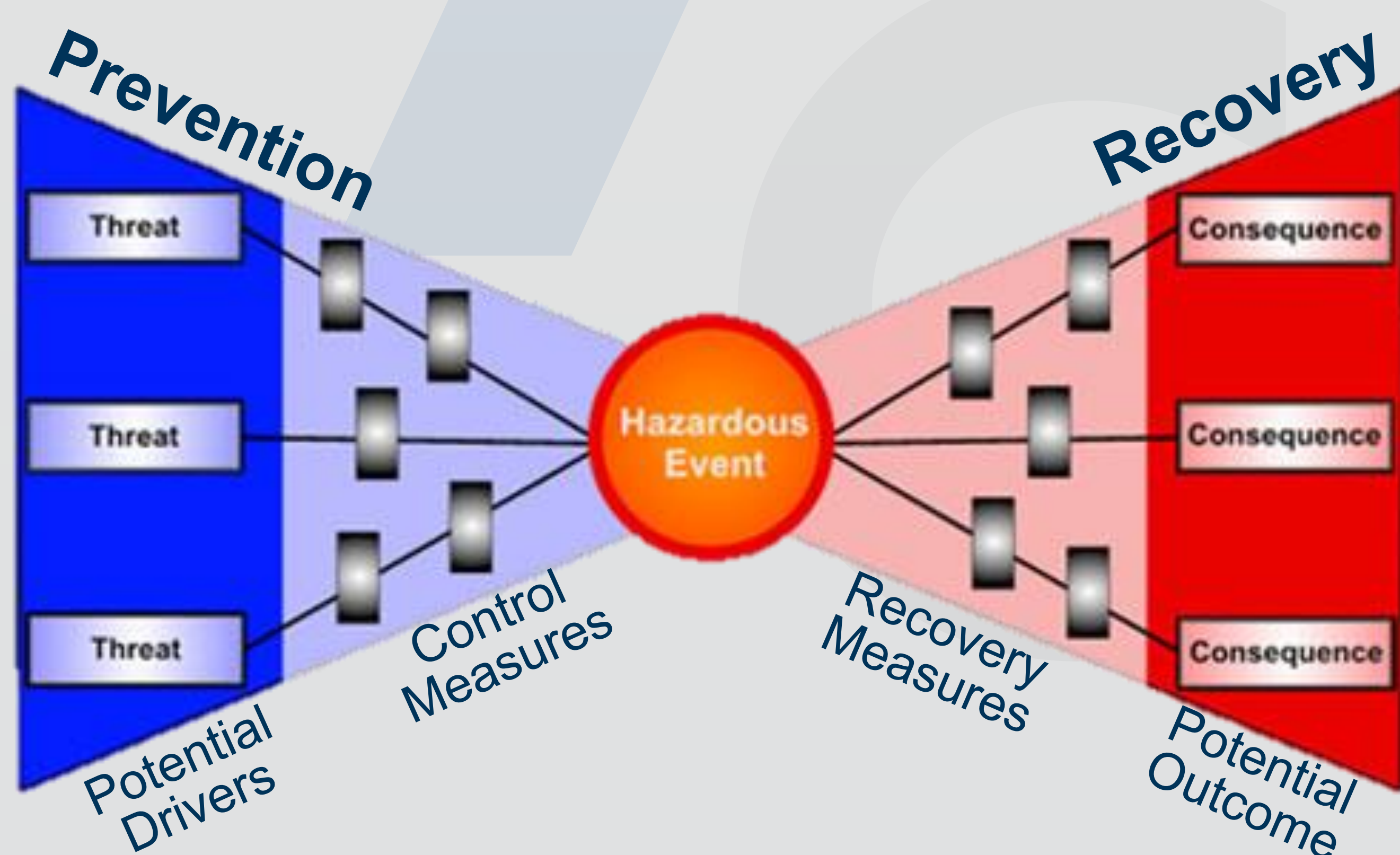
Our state-of-the-art facilities, models and techniques allow a unique approach to risk characterisation (from organism to ecosystems) and the management of conventional and emerging environmental risks, such as micro and nanoplastics, oil and aquaculture



Modified from Ramirez-Llodra et al. (2011) PLoS One

Current research themes

- Risk characterisation of Nanotechnology
- Effects of nano and micro plastics
- Effects of oil and gas exploration, and decommissioning
- Sub-surface reservoirs
- Flood risk management
- Deep sea mining



The Independent, 01/2016

