Conservation Biology

Research Environment – history, present, future

* MQ recognised area of research strength
* ERA 05 Environmental Sciences, Ecology, Evolution, Genetics, etc
* Research stars: Lesley Hughes, Dick Frankham, Andy Beattie, name individual Future Fellows, DECRAs, etc, Tall Poppies (Rachael G), Eurekas (Raftos, Hughes), most highly cited (Westoby, Wright), Westoby – NSW Scientist of the Year 2015
* OEH Adaptation Hub – biodiversity node
* Marine & Coastal responses node
* MQ Centres – Key centre for Biodiversity & Bioresources (original), Climate Futures, G2G, Marine, Biosecurity, Green Infrastructure, ARC ITTCs (Haynes & Taylor)
* NSW DPI, ANSTO, Taronga Zoo, Environmental Trust, OEH/NPWS, RBG&DT, CSIRO, SIMS, WWF, Bush Heritage, Aust Wildlife Conservancy, IUCN, NSW Scientific Committee (incl. Fisheries)
* Facilities – state of the art temperature- and CO2-control env facilities (PGF & SWF), herbarium, boats, field vehicles, analytical facilities – geochem, sediment, isotopes, CHN, PC2 labs
* Mentoring – G2G research enrichment program, MQ’s mentoring scheme, all centres, women in science,
* Alignment with MQ’s research priority 4: Secure Planet – living in a changing environment; 5 Innovative technologies – science & engineering technologies for the 21st century, Big Data
* MQ – key objective – deliver research with world-changing impact – challenge-focused research, cross-disciplinary enquiry
* Other objectives – prepare world-ready HDR candidates, world-leading research performance, collaborator of choice
* Cross-check with FSE strategic goals & objectives