

Path to impact

...how can scientists influence Antarctic policy

Aleks Terauds^{1,2}

1. Australian Antarctic Division, Dept. of the Environment and Energy
2. SCAR Standing Committee on the Antarctic Treaty System



Passion



Photo: Jen Lee

- Provides the drive to improve environmental management and conservation
- Covers a range of taxa and environments
- Often a key element of successful transition from science to policy change

Priorities



- National – what's important to your country
- International – what's important to the Treaty
- SCAR Scientific Research Programmes
- Emerging issues – SCAR Action Groups

Communicate



- Key element of success
- Multiple levels – national and international
- Collaborate, engage widely during research
- Disseminate broadly and keep engaging

Publish

Continent-wide risk assessment for the establishment of nonindigenous species in Antarctica

Steven L. Chown^{a,1}, Ad H. L. Huiskes^b, Niek J. M. Gremmen^b, Jennifer E. Lee^a, Aleks Terauds^{b,c}, Kim Crosbie^d, Yves Frenot^e, Kevin A. Hughes^f, Satoshi Imura^g, Kate Kieffer^h, Marc Lebourvier^h, Ben Raymond^c, Megumu Tsuimoto^{h,i}, Chris Ware^g, Bart Van de Vijver^c, and Dana Michelle Bassett^h



BIODIVERSITY
RESEARCH

Conservation biogeography of the Antarctic

Aleks Terauds^{1,2*}, Steven L. Chown^{1,†}, Fraser Morgan³, Helen J. Peat⁴, David I. Watts^{2,‡}, Hans-Joachim Eklöv⁵

bioRxiv preprint doi: <https://doi.org/10.1101/2017.05.05.132811>; this version posted May 5, 2017. The copyright holder for this preprint (which was not certified by peer review) is the author/funder, who has granted bioRxiv a license to display the preprint in perpetuity. It is made available under aCC-BY 4.0 International license.

Antarctic geoconservation: a review of current systems and practices
doi:10.1017/S0376892915000387

KEVIN A. HUGHES^{1*}, JERÓNIMO LÓPEZ-MARTÍNEZ², JANE E. FRANCIS¹,
I. ALISTAIR CRAME¹, LUIS CARCAVILLA³, KAZUYUKI SHIRAISHI^{4,5},
TOMOKAZU HOKADA^{4,5} AND AKIRA YAMAGUCHI^{4,5}

- Independently assessed and improved by feedback
- Wider dissemination, more accessible, including outside Antarctic research community
- Strong evidence base for policy recommendations

The Treaty



- The Protocol is quite specific about mechanisms for conserving and protecting
- CEP and CCAMLR are the powerhouses of the Treaty – generate AND implement change
- Clear objectives and realistic expectations are fundamental to success

Pathway



Photo: Dana Bergstrom

- Nationally – through your national Delegation to the CEP/ATCM
- Through SCAR – in particular through SC-ATS
- Antarctic Environments Portal