bioclimate

The Climate Change and Biodiversity Information Network Tool

- Connecting biodiversity and climate change
- Providing an information portal and networking tool
- Building capacity to deal with rapid changes

Bioclimate is an online open-access objective information tool being developed as a collaborative global effort by a consortium of institutions and agencies from the biodiversity, climate, academic and education communities.

Bioclimate is a resource for specialists, policy level decision makers and any other stakeholders who wish to keep up to date with information on biodiversity related climate change issues. Bioclimate is designed to increase capacity to address climate change threats by improving information flows and networking opportunities. It highlights synergies between climate change adaptation / mitigation, biodiversity conservation and ecosystem resilience.

Features

- Live links to a wide range of references – easily searchable by keyword and category
- References can be searched by species, habitats, region, country and at system / process levels
- Event listings are detailed and can be downloaded to your Outlook calendar.
- Specialist profile pages also listing relevant references, linked institutions and programmes.
- Institution profile pages listing relevant people, references and programmes.
- Location specific studies are all GIS mapped and presented on a Google map
- Ability to view institution and event locations on Google map.
- RSS information feeds providing the latest references on selected search topics
- Campaign listings
- Technical summaries of subject areas covered within Bioclimate

Users

- Biodiversity, conservation and climate change communities, including specialists, practical managers and educational outreach.
- Policy advisors and policy makers at national, regional and international levels.
- Interested general public and wider academic community including teachers/lecturers and students across all age levels.

Improving levels of access to biodiversity related climate change information

- References categorised under content headings allowing quick searches for all related information.
- Searchability using search terms – reviewing related references by keywords, titles and notes on reference.
- Searches can be filtered by category, institutional source, level of peer review, target audience and reference type.
- References are geo-tagged so searches for i.e. amphibians provide point data and polygons for all location specific studies on Google earth, allowing you to see globally where studies have and haven't been done.
- Designed to help specialist users, including search ability by IUCN species and habitat types to improve relatedness to IUCN red listings and other specialist review needs, for example an ability to search CMS migratory species.
- Ongoing refinement of functionality and expansion of subject categories to meet evolving needs.

Content

- Position Statements
- Physical Science Basis of Climate Change and Global Warming
- Accelerated Change, Tipping Points and Committed States
- Impacts of Climate Change on Biodiversity
- Impacts on Species (IUCN species listings to be used)
  - Impacts on Regions and Countries
- Impacts on Biomes and Habitats
  - (IUCN habitats listings to be used)
- Associated Socio-Economic Impacts
- Measuring Impacts
- Responding to Climate Change
- Directory
  - Organisations and Initiatives
  - Specialists and Authors
  - Events

Specialists can input their profile information and reference material on Bioclimate via their own profile page. The same functionality exists for institutional profiling.

Bioclimate is the result of a long running review of the extensive climate change biodiversity impact related literature and subject matter specialists.

www.bioclimate.org