Provision of Information by the GIASIPartnership

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GIASIPartnership
Invasive Alien Species Gateway

NATURAL HISTORY MUSEUM

Purpose of Partnership

Global-scale cooperation to

Maximize capacity of CBD Parties & partners to prevent, control and eradicate IAS though:
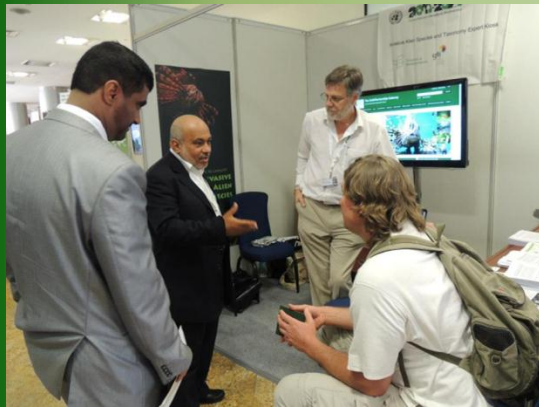
access

exchange

analysis

and effective application

of

information and the informatics tools needed
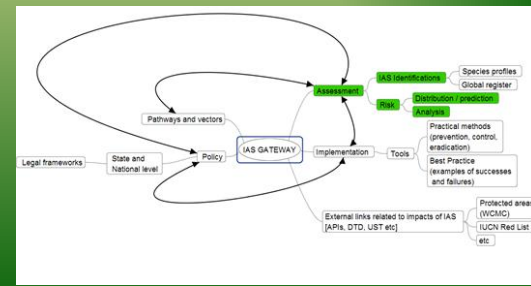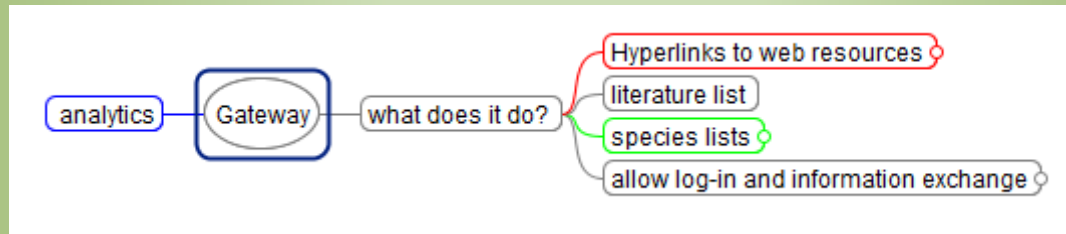
in a timely and reliable manner

Meeting the Purpose

- Develop effective means of communication (not a one-way process!)
- Rapid and effective response to needs
- Make information and tools available to Parties
- Make available what is in place
- Create what is not in place - develop novel resources

GIASIPartnership Gateway

- The **Gateway** is our web-based means of delivering information

- The 2012 London Workshop set out what it should do:
  - Deliver information on Tools, Resources, Experts, Literature, Policy, Taxonomy, Pathways, Databases, Species Lists etc
  - Provide a means of communication
  - Allow upload of documents, images etc
  - Be searchable

- To be a Delivery System rather than a separate resource

GIASIPartnership Gateway

- A Drupal-based system created by a team based in NHM was available as a basis to construct a pilot Gateway

- This was demonstrated at COP11

- In past 12 months Partnership has worked to make it a functional resource for Parties

The GIASIPartnership Gateway

Invasive Alien Species Information Services

Search...   SEARCH

◉ All   ○ Taxonomy

Welcome to the GIASIPartnership

Welcome to the Gateway for the **Global Invasive Alien Species Information Partnership** (GIASIPartnership).

The GIASIPartnership has come together in order to assist Parties to the Convention on Biological Diversity, and others, implement Article 8(h) and Target 9 of the Aichi Biodiversity Targets – "By 2020, invasive alien species and pathways are identified and prioritized, priority species are controlled or eradicated, and measures are in place to manage pathways to prevent their introduction and establishment"

This site will assist scientists, environmental managers, policy-makers and others by providing links to necessary information and a forum to raise issues for discussion.

Citrus root weevil, Diaprepes abbreviatus

RECENT PAGES

Distribution: analytical tools

Christopher H C Lyal - 2013-06-13

Both the data on which distributions can be plotted or predicted, and the tools with which this

Key Questions: Distribution and potential impact

Christopher H C Lyal - 2013-06-13

At national and regional level it is important to know a number of things in order to create a r

RECENTLY ADDED LITERATURE

Operational Plan for the Global Invasive Alien Species Information Partnership

Christopher H C Lyal - 2012-10-07

Differences in morphological and physiological traits between native and invasive populations of Sapium sebiferum

Christopher H C Lyal - 2012-09-29

Plasticity of Sapium sebiferum seedling growth to light and

RECENTLY ADDED TAXON DESCRIPTIONS

Plants

Christopher H C Lyal - 2012-09-29

Monera

Christopher H C Lyal - 2012-09-29

Animals

Christopher H C Lyal - 2012-09-29

GIASIPartnership Gateway: Hyperlinks to external websites

- Major content element
  - ca 670 sites/pages listed
  - Each with brief description, keyword, hyperlink
  - Effort made to link to key resources within sites, not just sites
- Links all held on searchable database
- Displayed on pages according to content

e.g. http://giasipartnership.myspecies.info/resources/14589/14594

GIASIPartnership
Invasive Alien Species Gateway

Contact us   Report abuse   Help

GIASIPartnership

The GIASIPartnership Gateway

Invasive Alien Species Information Services

Search...   **SEARCH**

● All   ● Taxonomy

HOME | THE PARTNERSHIP | AICHI BIODIVERSITY TARGET 9 | INFORMATION SERVICES | TOOLS | PATHWAY INFORMATION | ANIMAL SPECIES | PLANT AND FUNGAL SPECIES | BACTERIA AND VIRUS SPECIES | FORUMS | LITERATURE | WEB RESOURCES SEARCH | USING THE SITE | SITE MAP | TEST

Home » Search resources

Search resources

Enter terms "New Zealand"   Search   ☐ Retain current filters

SEARCH RESULTS

New Zealand: Thematic Report to CBD on Alien and Invasive Species   Node/Web resources

Thematic report and comments on alien and invasive species in **New Zealand** http://www.cbd.int/doc/world/nz/nz-nr-ais-en.pdf http://www.cbd.int/doc/world/nz/nz-nr-ais-en.pdf ...

Tom L Thomson - 2013-09-02 21:42

Risk assessment models for establishment of exotic vertebrates in Australia and New Zealand. Invasive Animals Cooperative Research Centre, Canberra. (Bomford, M. 2008.)   Node/Web resources

species, and on restrictions imposed on exotic species already kept in Australia and **New Zealand** ...

Tom L Thomson - 2013-09-18 16:02

Feral.org.au   Node/Web resources

The website contains a searchable database of information for invasive vertebrate species in Australia and **New Zealand**. Information includes published and unpublished research, technical reports, ... on vertebrate invasive animals in Australia and **New Zealand**. " http://www.feral.org.au/ ...

Tom L Thomson - 2013-08-28 17:16

PaDIL   Node/Web resources

The website provides galleries of high-resolution images of invasive alien species of all taxa. Biological information and other tools are also provided. The site also offers a plant biosecurity toolkit, a seed library, and biosecurity information tools. ...

✕ Find: register   ⬇ Next ⬆ Previous ◌ Highlight all ☐ Match case

GIASIPartnership Gateway: Species lists

- List of species names from Partners' databases
- Name in format and spelling of original
- Names in classification from *Catalogue of Life*
- System can accommodate taxonomic corrections
- Each name record:
  - Can link to external resources (CABI, FishBase etc)
  - Can retrieve external information (Encyclopedia of Life, IUCN Red List, BHL, GOOGLE Scholar, NCBI)
  - Can upload images, text, references, specimen data

GIASIPartnership
Invasive Alien Species Gateway

http://giasipartnership.myspecies.info/plant-and-fungal-species/pteridium-aquilinum

GIASIPartnership Gateway: Hyperlinks to external websites

- Current page structure suggested by 2011 workshop

- 2012 Workshop tested it against real scenarios

- -> recommended it was restructured to match workflows – more of this later

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Invasive Alien Species Gateway

http://giasipartnership.myspecies.info/resources/14580/14588

GIASIPartnership Gateway: Information exchange

- Users can register and add content to the site
  - Range of permissions
- Events Module
- News feed (also RSS feed)
- Comments
- Forum
  - Potential for discussions, questions, information exchange
  - Requires some moderation, but mainly participation – resource / time issue

GIASIPartnership
Invasive Alien Species Gateway

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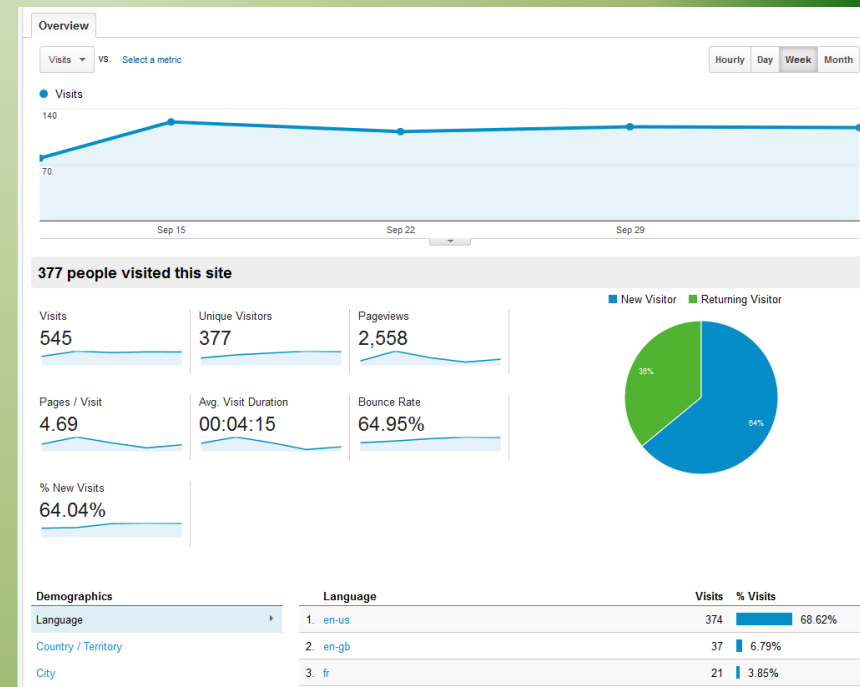# GIASIPartnership Gateway: Literature list

- Requested in 2012 London workshop
- Ca 9,500 references on Invasive Species
- Each of which can be:
  - tagged with species names
  - linked to web resource or uploaded paper
- 2013 London Workshop suggested need better met by links to Partner bibliographies
  - Currently through static links to pages
  - in future will be more dynamic

GIASIPartnership Gateway: Information exchange

- Some possibilities not implemented:
    - Pages can be added, e.g. by individual projects for their own use or to share (can be private)
    - Specimen data can be added and maps created
    - Blogs

GIASIPartnership Gateway: Assessment

- Use of Google Analytics

- Comments on site

- Feedback at meetings

- Project to understand workflows and uses

Next Steps

- 2013 Workshop suggested a better arrangement of pages would be to mirror workflows

Quick guide to the
Aichi Biodiversity Targets
Invasive alien species prevented and controlled

Aichi Biodiversity Target 9

and Trade Development Facility. These different processes could be built upon when taking actions to meet this target. Similarly any national targets adopted in support of this Aichi Biodiversity Target have the potential to create synergies between the Convention on Biological Diversity and these other international processes.
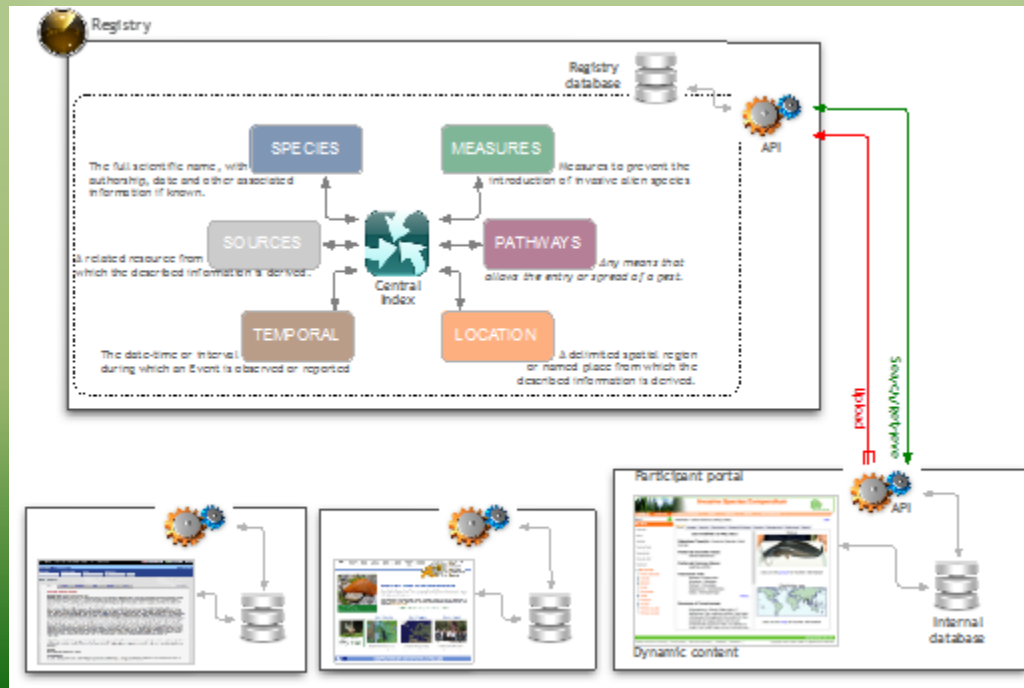
Guiding questions for setting national targets

• **What invasive alien species are currently in the country?** What ecosystems are they affecting and how? Which species are having the greatest impact? Are they affecting human health, food production and/or the economy?

• **What invasive alien species control or eradication programmes are underway in the country?** How effective have these been? How could their effectiveness be improved? What lessons have been learned from their implementation? What additional species should be controlled or eradicated?

• **What are the main pathways for the introduction of invasive alien species in the country?** What border control and quarantine measures are in place? What measures are in place to assess and monitor the risks of introduction? How effective have these been? How could their effectiveness be improved? What programmes or initiatives could be further built on?

• **What additional resources (financial, human and technical) will be required to reach the national target that is set?** How can additional funds be raised? What are possible funding sources?

• **What are the opportunities and constraints for controlling or eradicating invasive alien species and managing their pathways?** How may these justify a higher or lower national target compared to the global target?

Note that, given the particular national circumstances, national targets may be more specific and more precise than the global target. Further national targets should be ambitious but realistic and be supportive of the Strategic Plan by moving beyond business as usual.

Next Steps

Improve ability to access information through development of Registry

What you can do

Please try the site

http://giasipartnership.myspecies.info/

Register as a user

Leave feedback

Visit us at the Interactive Kiosk - Foyer level 5

Join the Partnership

GIASIPartnership

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