

**Agenda for Global Change Workshop
Missouri Botanical Garden, St. Louis
2-3 December 2015**

Rationale: This workshop will concentrate on uses of digitized data to address key research questions related to global change, while also addressing the issue of spotty geographic and taxonomic coverage of data in iDigBio and other aggregators.

**Day 1
Morning**

8:00 – Shuttle from hotel to MOBOT/CBEC

8:30 – **Welcome from iDigBio** – Larry Page
Welcome from MoBot and Saint Louis University – Jason Knouft

8:45 – Goals of the workshop – Pam Soltis

9:00 – Institutional/taxonomic variation in digitization strategies – Gil Nelson

9:15 – iDigBio search portal and API – Renato Figueiredo

Examples of Global Change Studies (with emphasis on specimen-based data)

9:30 – Rosemary Gillespie, University of California, Berkeley Initiative in Global Change Biology

9:50 – Carsten Rahbek, Copenhagen's Center for Macroecology, Evolution and Climate/ Zoological Museum

10:10 – Break

10:40 – John LaSalle , Atlas of Living Australia

11:00 – Volker Mosbrugger, Director, SENCKENBERG ('World of Biodiversity'), Germany

11:20 – Paulo Borges, PORBIOTA, Universidade dos Açores, Portugal

11:40 – Jorge Soberon, Ecology and Evolutionary Biology, University of Kansas

12:00 – LUNCH

Afternoon

***Continuing...*Examples of Global Change Studies**

1:00 – Erin Saupe, Department of Biology, Yale University

1:20 – Jason Knouft, Department of Biology, Saint Louis University

1:40 – Charlotte Germain-Aubrey, iDigBio/University of Florida

What data are being digitized in ADBC/TCNs?

2:00 – Overview – Deb Paul

2:10 – Reports from TCN representatives on types of data and topics under consideration for research (5 TCNs @ 10 minutes each = 50 minutes)

3:00 – BREAK

3:30 – Reports from TCN representatives on types of data and topics under consideration for research (9 TCNs @ 10 minutes each = 90 minutes)

4:50 – Day 1 Wrap-up

5:30-8:00 – Reception at MoBot

8:00 – Shuttle from reception to hotel

Day 2 Morning

8:00 – Shuttle from hotel to MOBOT/CBEC

8:30 – **Agenda for Day 2** – Pam, Rosemary, Jason, Larry

Discussions/breakout groups: Questions and Issues

8:45 – Topic 1. What questions related to global change can be addressed with data in iDigBio (and other aggregators)? [All 3 breakout groups address this question]

9:30 – Reports from breakout groups

10:00 – Break

10:30 – Topics 2, 3, and 4. [One breakout group to address each]

2. How do we deal with irregularities and unevenness of data for addressing these questions? (led by Jun Ying Lim)

3. What analytical and computational issues limit the use of these data? (led by Andy Rominger)

4. What are the sources of environmental data (climate, soil, hydrology, landuse) for the past, present, and future, and what are their limitations?

11:15 – Reports from breakout groups

11:45 – Read and revise reports on Google Docs

12:00 – LUNCH

Day 2
Afternoon

Discussions/breakout groups: Moving to the next level

1:00 – Identification of areas for research; formation of working groups; discussions for potential collaborations

2:00 – Reports from breakout groups

2:30 – Read and revise reports on Google Docs

2:45 – Break and extended discussions

3:45 – Day 2 Wrap-up

4:00-5:30 – Tour of the Monsanto Building (Herbarium and Library)

5:30 – Shuttle from the Monsanto Building to hotel

Evening – Dinner on your own