

TDWG 2021
18-22 Oct
Connecting the world of biodiversity data:
standards uniting people, processes, and tools

Proposers take responsibility for coordinating and soliciting relevant content for presentations, reviewing and approving abstracts (to be published in Biodiversity Information Science and Standards (BISS)) of all presentations listed in the program, and moderating their session(s).

Send proposals here: <https://www.surveymonkey.com/r/WR5FZCS>

* 1. Primary organizer contact information

Name Yanina Sica
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2. Co-organizer contact information

Name Paula Zermoglio
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City/Town Bariloche
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* 3. Provisional Session Title

From the field, right on to your science table: challenges of sharing ecological data

* 4. Session description (short (<200 words) abstract to set the scene, describe goals, pique interest in your event)

Access to high-quality ecological data, such as those generated from monitoring efforts, is pivotal to assessing and modelling biodiversity and its change through space and time. In the face of the unprecedented biodiversity loss, inventory data are particularly relevant to meeting global monitoring and conservation goals. While the development and adoption of

standards such as Darwin Core have ignited the mobilization of incidental and opportunistic records and their integration, current standards are insufficient to capture the complexity and hierarchical structure of inventory data. This, together with a lack of sufficient incentives, has resulted in limited mobilization, integration and re-use of this type of data. Current efforts are working towards developing standards to share inventory data, i.e., Humboldt extension to Darwin Core. To maximize the efficacy of this and other initiatives in fully capturing the breadth of information available in inventory data, and facilitating their broader applicability and use, it is critical that different parties converse, identify common needs and possibilities regarding data sharing. This symposium will bring together insights from a broad range of members within the community. It will constitute an opportunity to engage in the discussion to direct future efforts on standards development for sharing ecological data.

* 5. Session Type

Symposium (90min)

Panel Discussion

Session of Lightning Talks

Demonstrations

Other (please specify)

6. To help us schedule your session, please tell us where your important contributors will be located at the time of the conference (give city name and UTC offset on Oct 18, e.g., [Berlin, UTC+2](#)).

Contributor #1

Yanina Sica, New Haven, USA, UTC-4

HC big picture, how it is implemented in MOL

some details about what we are doing as a group, potentially put a call to help test via IPT or something.

Contributor #2

Peter Brenton, Canberra, Australia, UTC+11

Implementing DwC extensions in the BioCollect system

Contributor #3

Robert Guralnick, Gainesville, USA, UTC-4

Standards and Best Practices for Monitoring and Benchmarking Insects

<https://www.frontiersin.org/articles/10.3389/fevo.2020.579193/full>

Contributor #4

Robert Stevenson, Boston, USA, UTC-4

Review of biodiversity sampling protocols from some terrestrial and marine programs

Contributor #5

Anders Finstad, Diana Bowler and Nick Issac

User perspective as they work on methods of analyzing biodiversity data

* 7. Will unsolicited presentations be considered for inclusion?

Yes

No

Explain (as needed)

----- IDEAS for potential contributors-----

Contributor #1

OBIS

Contributor #2

MOL

Contributor #3

NEON:

Kate Thibault

Christine Laney

Contributor #4

User perspective (e.g. modellers using data):

Nick Isaac and Diana Bowler (accepted invite)

Contributor #5

ALA

Peggy Newman (<https://www.tdwg.org/community/mobs/>)

Contributor #6

SCAN

Neil S. Cobb

Contributor #7

Freshwater system

Henrik Krehenwinkel using leave data from the ESB

<https://www.umweltprobenbank.de/en/documents>

Contributor #8

Anders Finstad, Trondheim, Norway, UTC+2

(<https://www.ntnu.edu/employees/anders.finstad>)

Additional potential contributors

- Diana ([iDiv](#) center) -- accepted invite

Titles for the talks:

Integrating data in Map of Life for Species Population Essential Biodiversity Variable (EBV) development

Yanina Sica, New Haven, USA, UTC-4

Survey methods: implications for data standards and essential biodiversity variables
Robert Stevenson, Boston, USA, UTC-4

1.5 hs

Short talks with lots of time for discussion