Integration and Implementation Sciences (i2S)

Australian National University

i2S News

January - March 2024, #66

Welcome to the January - March 2024 i2S News with the latest developments in Integration and Implementation Sciences (i2S), this time from two of the three repositories we curate.

We introduce a new category of blog posts for Integration and Implementation Insights (i2Insights) blog and repository, which we are calling "Editor's Additions." We also highlight statistics about the global nature of views of i2Insights, including that i2Insights contributions have been viewed more than 1.3 million times, and that there are only two countries where i2Insights has never been viewed.

From the i2S-Talks YouTube channel, we feature the playlist from NITRO-Oceania, the Network of Leaders of Interdisciplinary and Transdisciplinary Organisations in the Oceania region, along with two recent videos from seminars organized by that group. This is one of a small number of playlists that we host for sister organisations.

We are rebuilding the main i2S website and there is no news to report this time.

In other updates, Gabriele is pleased to report that she was elected as inaugural President of the Global Alliance for Inter- and Transdisciplinarity (ITD-Alliance) in November 2023. She also had an article published commenting on lack of recognition for transdisciplinarity in a major review of the Australian higher education system released at the end of February.

We also provide news about the International System Dynamics conference and the International Transdisciplinarity conference, both of which will be held later this year. There is also a call for submissions for a special issue of the Higher Education Research and Development journal on "Educating for Societal Transitions" which will be published in 2025.

Feedback and suggestions for i2S News are always welcome!
Gabriele Bammer and Peter Deane

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i2INSIGHTS BLOG AND REPOSITORY

Introducing "Editor's Additions"

Although i2Inisghts is founded on contributions from the global community of researchers, students and – occasionally - practitioners tackling complex societal and environmental problems, there are times when we, as curators, cannot find authors for tools that would be useful additions to the i2Insights repository. We recognise that not everyone wants to or is able to contribute to i2Insights, and the originators of some classic tools have retired or died. We have therefore decided to introduce a new category of blog posts – "Editor's Additions" – which are accounts of such tools, written by people who are not associated with their development.

The first two-part "Editor's Addition" post has recently been published:
1. [Competencies for systems thinking practitioners. Part 1: Overall expectations and knowledge](#)
2. [Competencies for systems thinking practitioners. Part 2: Skills and behaviours](#)

Who can write an "Editor's Addition? While we envisage that most of these blog posts will be written by the two of us who curate i2Insights, we welcome other contributions and invite anyone who wants to share a relevant tool to get in touch (see our contact details at the very end of this News).

For long-term followers of i2S and i2Insights, some historical context may also be helpful. Previously, we would write up and publish such tools in a different repository on the main i2S website. Now that [we have dismantled that repository](#) that option is no longer available. What's more, there are still several [tools from that repository that the "Editor's Additions" option will allow us to include in i2Insights](#).

Highlights from i2Insights statistics

The main data collected on readers of i2Insights blog and repository is the country location where i2Insights is viewed. Since i2Insights started in 2015, there have been viewers in 191 of the 193 countries represented at the United Nations. The two missing counties are African Central Republic and San Marino. If you have contacts there, do please introduce them to i2Insights!

By and large, i2Insights is well read in the Global North, with the strongest viewing numbers in the USA, UK and Australia (163,000-303,000 views), which is also where most authors come from. There are also strong viewing numbers and contributions from Canada, Germany, the Netherlands, Switzerland and New Zealand (22,000-65,000). Interestingly, India, the Philippines

and South Africa have strong viewing numbers (43,000-49,000), but no-to-few authors. Strong viewing numbers and no-to-few authors is also the case for Pakistan, Indonesia, Kenya, Ghana, Nigeria and Malaysia (10,000-17,000). We know that there is great work happening in all those countries and we hope you will share it through i2Insights.

And a belated milestone: sometime in 2023 i2Insights reached a million views! By the end of 2023 views were more than 1.3 million.

Blog posts added since the last i2S News

Integration and Implementation Insights (i2Inisghts) has added the following blog posts to its repository since the last i2S News:

Competencies for systems thinking practitioners. Part 2: Skills and behaviours
Edited by Gabriele Bammer
https://i2insights.org/2024/03/12/systems-thinking-competencies-part-2/

Competencies for systems thinking practitioners. Part 1: Overall expectations and knowledge
Edited by Gabriele Bammer
https://i2insights.org/2024/03/12/systems-thinking-competencies-part-1/

How science thought leadership enhances knowledge exchange
By Stefan Kaufman and Anthony Boxshall
https://i2insights.org/2024/03/05/science-thought-leadership/

Living labs are learning labs: Creating and mapping conditions for social learning in transdisciplinary research
By Marina Knickel and Guido Caniglia
https://i2insights.org/2024/02/27/living-labs-and-learning-in-transdisciplinary-research/

Effective capacity development in and with the Global South
By Jon Harle
https://i2insights.org/2024/02/20/global-south-capacity-development/

Bringing an evidence mindset to commercial products
By Natalia I. Kucirkova
https://i2insights.org/2024/02/13/evidence-mindset-and-commercial-products/

Participatory video
By Pamela Richardson
https://i2insights.org/2024/02/06/participatory-video/

Designing a rapid participatory scenario planning process
By Giles Thomson and Varvara Nikulina
https://i2insights.org/2024/01/30/rapid-participatory-scenario-planning/

Challenges in knowledge translation: A Global South perspective
By Fajri Siregar
https://i2insights.org/2024/01/23/knowledge-translation-in-global-south/

Learning to use Appreciative Inquiry
By Rachel Arnold
https://i2insights.org/2024/01/16/using-appreciative-inquiry/

Knowledge translation and multilingualism
By Chalani Ranwala
https://i2insights.org/2024/01/09/knowledge-translation-and-multilingualism/

Eighth annual review
By Gabriele Bammer
https://i2insights.org/2023/12/12/eighth-annual-review/

Tips for influencing government policy with research
By John Thwaites
https://i2insights.org/2023/12/05/influencing-policy-with-research/

How measuring impact gets in the way of real world change
By Toby Lowe
https://i2insights.org/2023/11/28/measuring-impact-is-counterproductive/

Writing confidentiality and anonymity into collaboration agreements
By Edgar Cardenas, L. Michelle Bennett, and Michael O'Rourke
https://i2insights.org/2023/11/21/confidentiality-and-anonymity-in-teams-part-2/

Confidentiality and anonymity in teams
By Edgar Cardenas, L. Michelle Bennett, and Michael O'Rourke
https://i2insights.org/2023/11/21/confidentiality-and-anonymity-in-teams-part-1/

Achieving change by transforming engagement
By Katja Jäger
https://i2insights.org/2023/11/14/transforming-engagement-for-change/

Challenging societal barriers: The power of metaphors and analogies in addressing stigma
By Alemu Tesfaye
https://i2insights.org/2023/11/07/metaphors-and-analogies-addressing-stigma/

i2S-TALKS

Featuring the NITRO-Oceania playlist

i2S-Talks hosts playlists for sister organisations which do not have their own YouTube channels, including a playlist for the Network of Leaders of Interdisciplinary and Transdisciplinary Organisations in the Oceania region (NITRO-Oceania). The two most recent videos to be added are featured in the list below (videos by Rosalie Chappel and Chels Marshall and by Rachel Kelly). The playlist includes seven webinar recordings and four workshop recordings from 2020 to 2024. To find out more about NITRO-Oceania, see https://nitro-oceania.net/.

Videos added since the last i2S News

The following video has been added to the i2S YouTube channel since the last i2S News:

Fireside chat with Rosalie Chapple and Chels Marshall on valuing indigenous knowledge
By Rosalie Chapple, Chels Marshall and attendees
https://youtu.be/CfiPJ13nEAk
(Playlist: NITRO-Oceania)

Convergence postdocs: Being the arrows in a science and technology center
By Kimberly Bourne, Alison Deviney and Ashton Merck
https://youtu.be/9Z66wX4TsM8
(Playlist: Intereach Webinar Series)

There is no "alt" in arrow-work
By Kennan Salinero, Hannah Love and Anne Heberger Marino
https://youtu.be/psWWuFXJqXc
(Playlist: Intereach Webinar Series)

Interdisciplinary early career researchers - Perspectives and potential partnerships
By Rachel Kelly
https://youtu.be/-JMQKr8tm4A
(Playlists: NITRO-Oceania; and, Interdisciplinarity and Transdisciplinarity)

Arrows in academia, Part 1: Non-tenure track
By Kristine Glauber, Gemma Jiang, Marisa Rinkus and Stephanie Vasko
https://youtu.be/adlfXK7nQGs
(Playlist: Intereach Webinar Series)

OTHER UPDATES

News from the ITD-Alliance

As highlighted in the welcome message, Gabriele Bammer is delighted to have been elected as the inaugural President of the Global Alliance for Inter- and Transdisciplinarity (ITD-Alliance), which she helped found in 2019. You can find out more about that professional association at https://itd-alliance.org/ and also subscribe to their newsletter. The ITD-Alliance has working groups on toolkits and methods, early career researchers and integration experts and expertise and anyone can join.

Comment on major Australian higher education review

Gabriele Bammer also responded to a major review of Australian higher education which was released in late February with an article entitled "What's critically missing from the Universities Accord report? Transdisciplinarity!", published in Future Campus, which provides news, analysis and insights for the higher education sector and which has 10,000 subscribers.

Two conference reminders

Two conferences that are highly worthwhile are:
- 2024 International System Dynamics conference, August 4-8 in Bergen, Norway and online (submissions close March 19, 2024). For more, see: https://systemdynamics.org/conference/
- ITD24, the two-yearly International Transdisciplinarity conference with will be held on November 4-8, in Utrecht, the Netherlands (submissions close March 14, 2024). For more, see: https://itd-alliance.org/itd24/

Contributions sought for journal special issue

Call for submissions: Special issue in *Higher Education Research and Development* journal 2025; on Educating for Societal Transitions. Key themes are:
- Navigating complexity and change
- Transdisciplinary curriculum and education
- Mutual learning and partnerships
- Social and environmental responsibility
- Affect and activism in and beyond the classroom

Webpage: https://think.taylorandfrancis.com/special_issues/educating-for-societal-transitions/

ABOUT i2S NEWS

The aim of this newsletter is to provide regular updates (4 times per year) about what's new in Integration and Implementation Sciences (i2S), especially in three major repositories:
- the i2S website (http://i2s.anu.edu.au), which provides a range of information about Integration and Implementation Sciences
- Integration and Implementation Insights (http://i2Insights.org), which functions as a community blog, as well as a repository, for sharing concepts, methods and other research tools for understanding and acting on complex real-world problems
- the i2S YouTube channel (https://www.youtube.com/i2S-Talks), which provides a range of videos about various aspects of i2S.

Other updates about i2S are also provided and, from time to time, we also post news that is not directly related to i2S, but that is in line with i2S objectives.

Our target audience is researchers who tackle complex societal and environmental problems and who are interested in:
- Synthesizing knowledge from different disciplines and stakeholders,
- Understanding and managing diverse unknowns, and
- Supporting improved policy and practice responses to problems by government, business and civil society.

The three i2S repositories therefore provide new tools, as well as compiling and sharing existing tools, in 11 main areas:
- understanding the processes involved in *change*
- improving *communication*
- understanding *context*

- effective *decision making*
- incorporating, harnessing and managing *diversity*
- *integration* of multiple and varied perspectives about any problem and insights into acting on it
- *research implementation*
- *stakeholder engagement*
- taking a *systems* perspective
- *teamwork*
- understanding and managing *unknowns*.

i2S News is archived at: http://i2s.anu.edu.au/what-i2s/i2s-publications/i2s-news.

Useful links:
- i2S website: http://i2s.anu.edu.au
- i2Insights blog and repository: http://i2Insights.org
- i2S-Talks on YouTube: https://www.youtube.com/i2S-Talks
- X (Twitter): @GabrieleBammer
- LinkedIn group "Global Network for Research Integration and Implementation": https://www.linkedin.com/groups/4888295/

To subscribe to the i2S newsletter, go to http://i2s.anu.edu.au and look for the i2S News sign-up box on the home page, or contact Peter Deane at i2S@anu.edu.au.

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To contact Gabriele Bammer and Peter Deane, either visit https://i2insights.org/contact/ or contact us via email at i2S@anu.edu.au.