6/11/2020 ISIE LCSA Section Board Meeting

In Attendance:

- Cassandra Thiel
- Yuan Yao
- David Font
- Wenjie Yao
- Haibo Feng
- Dunsin Arodudu

Action items:

All: check your back-end website access (is4ie.org) and if you CANNOT access it, email Paul

Wenjie and Haibo: write access to OneDrive

Haibo and Dunsin: Draft the special issue inquiry email for the four experts

Cassie: Contact JIE/ISIE (Paul) about an editorial about racial justice and sustainability

Notes:

Thanks to Haibo for sharing the webinar announcement with our members.

Everyone is testing out the OneDrive folder Wenjie shared; still need write or edit access (which Haibo will help with!)

Special issue criteria (from Reid) – don't need a FORMAL document, but criteria need to be met

- Credentials and capability of editorial team – at least one member familiar with JIE editorial team (Tom has previously worked on special issues and he would be very helpful)
- LCSA did a special issue a few years ago (2017)
    - "Charting the future of LCSA" – many of the papers cover what we talked about in our last meeting (case study, methodology)
    - We have to propose a separate issue
- Number of submissions – we have to have an idea of how many submissions we'll have.
    - Needs 13-15 papers per issue
    - Needs ~30 submissions (given acceptance rate)
    - Need name of groups and authors who could potentially submit
- How much time each of us can contribute
    - Avoid case where a lot of guest editors where no one does the work (it can be time consuming)
    - Do guest editors have some experience reviewing papers AND reviewing editor/reviewer comments?

- If we don't want to do a special issue, we can still encourage people to submit REGULARLY to JIE. They can be retroactively labeled as a special issue or topic. This is lower risk/easier.

Potential Topics

European call on LCSA – everyone sent projects, etc. and it was to create a standard for LCSA – how to harmonize all kinds of things. All of these projects will have something to offer. It's about consolidating the method through standards and case studies – might be good to use the inertia.

Last year the topic was on Hunger (SDG XX), but there weren't enough people to get that number of submissions. What if we choose one of the SDGs for a topic for LCSA? SDGs:

- GOAL 1: No Poverty
- GOAL 2: Zero Hunger
- GOAL 3: Good Health and Well-being
- GOAL 4: Quality Education
- GOAL 5: Gender Equality
- GOAL 6: Clean Water and Sanitation
- GOAL 7: Affordable and Clean Energy
- GOAL 8: Decent Work and Economic Growth
- GOAL 9: Industry, Innovation and Infrastructure*
- GOAL 10: Reduced Inequality
- GOAL 11: Sustainable Cities and Communities*
- GOAL 12: Responsible Consumption and Production*
- GOAL 13: Climate Action*
- GOAL 14: Life Below Water
- GOAL 15: Life on Land
- GOAL 16: Peace and Justice Strong Institutions
- GOAL 17: Partnerships to achieve the Goal

They are a holistic framework and they are all interconnected. Maybe a "How to use LCSA to achieve the UN's SDGs (individually and simultaneously)" Could be method contributions and case studies. If your LCSA framework can achieve 3 or 4 simultaneously, we would like your papers. Should not be random case studies, but look at the framework of LCSA and how useful can applying it be.

Because LCSA tries to look at social impacts, health impacts on broader scales.

Related project: https://www.lifecycleinitiative.org/activities/key-programme-areas/technical-policy-advice/linking-the-un-sustainable-development-goals-to-life-cycle-impact-pathway-frameworks/

Justice topic may be very timely at the moment; could be a separate editorial topic. No sustainability groups have really stated anything formally – is this an opportunity for JIE to make a stronger statement. Yuan's group talks about environmental justice, so there are quite a few there.

The pandemic also offers an interesting lens.

- Some of it is caused by our imbalance with nature – too many humans encroaching in natural environments.

- Minorities in developed countries are disproportionately affected, but
- African countries do not seem to be as badly affected as expected.

These things can be looked into using LCSA thinking. If we really want to assess the impacts we need some knowledge about the rates and unit impact. Can we really quantify the results? Or is it more qualitative information?

- Environmental justice is important for the society
- For the special issue, pick some goals in the SDGs and to set an attractive call for more submissions.

We should start to think of who could lead this? (Does this really make sense? Maybe we are not the most knowledgeable people in this particular field.)

- Tom Gloria
- Marion Chertow
- Beau Weidema
- Marina Kowalski