

Correspondence

Biodiversity panel should play by rules

The Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES) is adopting its initial work programme for 2014–18. This is a good time to assess whether the “rules of engagement” outlined for its success (E. Turnhout *et al. Nature* **488**, 454–455; 2012) have been put into practice. We find that there are still some serious shortfalls that, unless addressed promptly, could undermine the transparency and credibility of the output from the IPBES.

Some of the nine rules (R1–R9; see go.nature.com/guc1gk) are now being followed, at least partly: reporting on progress is to be staggered (R8); the call for a decentralized approach that is sensitive to local knowledge, needs and conditions (R1) is now reflected in several deliverables; and most mandated functions are being addressed simultaneously (R2). Cautious optimism is also justified for R3 and R5: expert groups for discussing terms and methodologies are to be established, and non-scientific knowledge systems will be included.

However, non-elite actors are not yet properly involved, and decisions on stakeholder engagement and communication strategies have been postponed, which will affect R3 and R5; this also applies to the inclusion of “trusted civic organizations and networks” (R7).

Furthermore, stakeholders are only marginally involved in nomination procedures for the Multidisciplinary Expert Panel (MEP) and for experts who will work on IPBES deliverables, and are not involved at all in the selection process (R4). Of the MEP members selected, the mix is unbalanced (22 natural scientists, 2 economists and 1 social scientist, and women are under-represented). It is also unclear whether minority dissenting views will be incorporated into the IPBES

process (R6). Re-evaluation and improvement of IPBES processes (R9) will be hard because IPBES members have declared that they are not prepared to renegotiate after issues have been formally agreed.

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Sexual violence rife on US campuses

Gun violence may be relatively rare on university campuses in the United States (see *Nature* **505**, 150–152; 2014), but other violent incidents are rampant.

Acts of sexual violence, for example, are committed against an estimated 20–25% of females attending a US college or university (see C. J. Vladutiu *et al. Trauma Violence Abus.* **12**, 67–86; 2011). According to the US Census Bureau, roughly 11,658,000 women were enrolled in higher-education institutions in 2009. Assuming 20% victimization, as many as 2,331,600 of those could have been sexually assaulted on campus.

You missed an opportunity to expand on a horrifying problem that is all too often under-reported.

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Scientists need leadership training

Career scientists need to be able to manage projects, students, postdocs, staff and, ultimately, a scientific team. We suggest that junior scientists should routinely be trained in such leadership skills to maximize the productivity of their future research groups (see also J. C. Seeliger *Nature* **483**, 511; 2012).

Unfortunately, many scientists fail to realize that they need

training, and there are only a few leadership programmes on offer. One is the three-day ‘Leadership in BioScience’ workshop for young investigators held annually by the Cold Spring Harbor Laboratory in New York (see go.nature.com/ocx5yp). Through lectures, role-playing exercises, case studies and discussions, participants learn and practise skills such as setting goals, delivering feedback, running successful meetings and managing conflict or difficult situations that can arise in the laboratory. Training is consolidated with detailed constructive feedback from instructors and other participants.

More such programmes should be developed to help junior faculty members in academic institutions worldwide.

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Cuts threaten future of R&D in Portugal

Drastic cuts in public funding for science and technology in Portugal are being applied as part of the government’s sweeping austerity measures, without thought for a national long-term science strategy. The effects are particularly hard on young scientists.

The number of PhD and postdoctoral fellowships awarded by the country’s principal funder, the Science and Technology Foundation (FCT), fell by 40% from 2012 to 2013, and the 2014 budget for fellowships fell by 16.5% compared with last year.

Coupled with reductions in funding for research centres and research and development (R&D) projects, these cuts have serious long-term implications for the country’s chance of

developing a knowledge-based economy.

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Online repository for lab notebooks

The US Office of Science and Technology Policy (OSTP) ruled last year that all federally funded research articles and data should be open access, but laboratory notebooks were not included (see go.nature.com/fijt2f). I urge researchers to sign a petition (see <http://wh.gov/l5gv0>) to extend this mandate to cover a searchable online repository of key lab notebooks, such as those used in formulating US patent applications.

The legal value of lab notebooks is complicated, which may be one reason for their omission from the OSTP mandate. However, freely accessible notebooks are useful as evidence in patent litigation and can help to resolve irreproducibility issues that might otherwise have economic and medical implications for products and processes. They also act as an archive of raw data for the scientific and medical record.

As an agency that is fully funded by user fees and one that aims to validate patent findings, perhaps the US Patent and Trademark Office would consider financing the initial purchase of server space and set-up costs for a notebook repository.

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