Workshop on Principles & Guidelines for Government Scientific Advice

Rapporteur’s Report
Sept 30, 2016
(Marc Saner)
The Question
DECLARATION ON THE ENABLING POWER OF SCIENCE
“Enabling Power of Science”

1. Sustainable development
2. Climate change
3. Disaster risk reduction

4. Scientific advice for policies
5. Collaboration (developing Nations)
6. Investment in science
Article 4

“We call for concerted action of scientists and policy-makers to define and promulgate universal principles for developing and communicating science to inform and evaluate policy based on responsibility, integrity, independence, and accountability.”
Audience

Producers and users of scientific advice
Method
(1) Codification

Principles and Guidelines

The list will never be complete and we are always seeking to update our inventory.

We encourage you to visit the site regularly and send us your links to add to this section.

Science Council of Japan http://www.jst.go.jp/pr/info/info908/index_e.html


Singapore Declaration http://www.singaporestatement.org/

Gluckman's principles http://www.nature.com/news/policy-the-art-of-scientific-advice-to-government-1.14838


Tyler: 20 things scientists need to know about policy https://www.theguardian.com/science/2013/dec/02/scientists-policy-governments-science

Jackson: 12 things scientists and policymakers need to know about the public https://www.theguardian.com/science/political-science/2013/dec/04/12-things-policy-makers-and-scientists-should-know-about-the-public


NAS Gene Drive report http://nas-sites.org/gene-drives/


(2) Debate First Set of Principles & Guidelines

20 nations

40 people

GYA
(3) Iteration to Maturity

South Africa
Jordan
Boston

WSF Jordan (late 2017)
First Results
The **First Set** (abbreviated)

<table>
<thead>
<tr>
<th><strong>PRINCIPLES</strong></th>
<th><strong>GUIDELINES</strong></th>
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<tbody>
<tr>
<td>Independence</td>
<td>Roles and responsibilities</td>
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<tr>
<td>Transparency</td>
<td>Identify and frame the issues</td>
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<td>Integrity</td>
<td>Ensure capacity to use</td>
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<tr>
<td>Diversity</td>
<td>Acknowledge uncertainties</td>
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<td>Respect for limits</td>
<td>Consult widely</td>
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<td>Quality assurance</td>
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Workshop Commentaries

Modulation (by context)
New sets
New emphasis

What is the question?
Do we need definitions?
What are the risks?
More diverse ... source of knowledge

More diverse ... set of audiences

More diverse ... advisory system

... apply locally, nationally, regionally, globally
Rapporteur’s Commentary

**Successful audacity**
 Opportunity to *improve* or *re-focus*

How to do it? >> **Formula**
How to teach it? >> **Curriculum**
How to evaluate it? >> **Compliance**
What to aspire to? >> **Values**
What matters most? >> **Top 10**
Which new direction? >> **Manifesto**