Comment Form

February 16, 2017

Title of the Program	**Fair use and management of diverse resources**
Program Director	**NAKASHIZUKA Tohru**

Program Comments Summaries of the EREC:

The Committee appreciated the clear positioning of Program 2, based on a good analysis of gaps and current situation. Against emphasis on the past of Program 1 and on the future in Program 3, this program is squarely focused on the present, with an overall concern with resource management and governance. This positioning provides good potential for transdisciplinary engagement.

The Committee mainly commented on the key concepts used. These need to be refined theoretically in order to move the program beyond the merely practical towards generating academic value. It will be useful to position the program in existing conceptual frameworks, including ecosystem services.

The definition and coverage of the term "resources" needs further clarification. Several members suggested the inclusion of human resources or if these are excluded from the concept of resources, to ensure that the social aspects receive sufficient attention. Others suggested including mining resources and invisible resources such as hyper-sonic sound.

 Likewise, it was felt that the idea of fairness is important but broad: it may include a range of aspects and therefore its meaning needs to be pinpointed. Ultimately, fairness is a normative concept and requires explicit value judgement. This provides good potential to connect to the normative aspect of sustainability science.