

## Selection Evaluation Comments

\*This evaluation takes place in the transition from Feasibility Study to Full Research,  
i.e. Selection of Full Research project.

FS Title	Conversion from indigenous to future collective knowledge with the fusion of science and arts: a lesson from resilient communities with environmental changes
Proposed FR Title	High-resolution reconstruction of resilient indigenous lifestyle in environmental changes to future collective knowledge deduced from the fusion of science and arts
Leader of the Proposed FR (Principal Investigator of FS)	WATANABE Tsuyoshi
Proposed Project Period	5 years Full Research
Affiliated Program	Global Environmental Culture Program (MATSUDA Motoji)

### **General advice and comments of the EREC**

This project brings together natural science of coral reef records of environmental effects with the development and presentations of theatrical performance that aim to portray social patterns of responses to environmental conditions and changes of certain island communities. The strength of this project is the innovative combination of natural science and creative performance art. The time frame of this connection between science and art has been scaled back from longer time scales in the prior year's plans to a more manageable 100-year span that is appropriate to the human time scale.

The comments of the EREC point out two further developments in the project that would enhance its impact in the communities and value as a methodological contribution. One is to engage in greater depth in assessing the societal impact of the drama on the audiences. Does the drama have an impact on the audience members and help them interpret past events to think about the future?

Another suggestion from the committee is to refine the dramatic storytelling to be more evocative of emotional response to people's lives in the time frame of the coral record of environmental change and less as a means of communication scientific findings. How can the drama help imagine future patterns of behavior and policy to adapt to social and environmental change?