Preface

This collection issue is composed of products of "Program for risk information on climate change (SOUSEI)" supported by MEXT, Japan. Especially, theme C "Development of basic technology for risk information on climate change" and theme D "Precise impact assessments on climate change" are included in this issue. These themes are planned to deliver primary information of climate change to various users, from impact study researchers to citizens. The present trend of climate change research is to find the method to bridge the gap between climate change projection data producers and the end-users, who use climate change information for adaptation/mitigation. To promote this process efficiently, it is indispensable for climate researchers and impact study researchers to work together from its starting point of these studies. Fortunately, in our SOUSEI program, both these researchers meet each other frequently. We have six interactive meeting through five years, and exchange information (Photo 1). Through the discussion, the design of numerical experiments of theme C responds to the demand of theme D, and also D has got enough information on the characteristics of the calculation results, which helped their study, applying climate change projection data to the impact-studies. This collection issue has outcome of these transdisciplinary studies.

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Photo 1. A group photo at Tonoshima (a small island in the Uji-gawa River) after the first day sessions of the third interactive meeting between themes C and D in September 16 and 17, 2014 at Disaster Prevention Research Institute, Kyoto University