

Impact assessment of natural disaster due to global warming

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Climate changes in give significant impacts on natural disasters such as typhoon, river flooding, storm surge, landside and etc. The different natural disasters require different forcing from GCMS. The spatial and temporal resolutions of forcing also give significant impact on the impact assessment of natural disasters. This study summarize current activity of impact assessment of natural disasters by SOUSEI program in Japan and discuss importance of cooperative research between GCM modelers and IAM group.