

Development and evaluation of the interactive digital material in geoscience

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To progress education of Geoscience and Human Resources Development for the Earth environmental, we have been building the digital material, C3 (Cross-Cutting Comparisons; <https://darts.isas.jaxa.jp/C3/>). C3 assists beginners studying Geoscience by using the interactive interface and understanding the various phenomena utilizing the flexible charts. According to the results of the questionnaire survey of 12 and 13-years-old students, 79% of the students answered that it is easy to use and all students showed increased motivation for learning. We will present the features of the service, the evaluation, and how the feature works.

Keywords: geoscience, digital material, Web servise, Active learning, Cross-Cutting Comparisons