

**Controversy earth science -a trial version-**

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We introduced some controversies as teaching materials into geoscience class at K-12 level. Those issues involve a debate on earthquake prediction, a debate on dinosaurs extinction and a debate on global warming. We recognize the text-based and old-fashioned geoscience in high school level was already out-dated and a new tactics is aspired. For the students, those issues are quite interesting and sometimes useful for thinking of their future. Because the stories are not so systematic, the students may sometimes be confused or badly biased. So careful treatments of those issues are important. The translation of resources into Japanese is also necessary.