

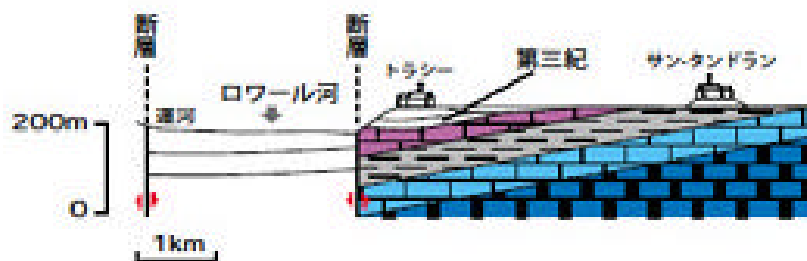
Application of pdf text to promotion of earth sciences in general education

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Based on my experience in education at several universities in Japan and abroad, the author proposes application of good quality textbooks in the pdf format to earth science education for general students. Good quality photographs and figures in the pdf format, enable us to promote real experience in nature to learn earth science fields.

CD-ROMs including pdf texts on Terroirs of Vineyards and 12 Months in Ryukyu Nature have been made to be used in my lecture on Earth and Planetary Sciences at Chiba Institute of Technology. Formation of the Rhein graven is explained in the Alsace vineyards, and sedimentation of oolitic limestones in the Jurassic Paris Basin was cited in the Bourgogne and Sancerre vineyards. Formation of the Aquitaine Basin was an important topic in the Bodeaux vineyards. Students can learn the basic geology by telling where the best and expensive wines are produced in France, Italy and California.



-  ポートランド層
-  上部キメリッジ層
-  中部キメリッジ層
-  下部キメリッジ層
-  上部オックスフォード層
-  第三紀地層世層
-  初級白亜紀層
-  後期白亜紀層

シャビニョールからサンセールを経て、プイ・シュル・ロワールに至る、ジュラ紀地層のつくるケスタ地形の断面図。C. Pomero編「フランスのワインとワイン生産地域」およびM. Broadley著「テロワール」の原因をもとに作成した。