

Cartography: an Online Open Course

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Abstract:

The science of cartography currently is undergoing substantial changes which leads to challenges for cartography education. As an important part of national first-class courses, a Massive Open Online Course (MOOC) for cartography is developed by teaching group from Nanjing Normal University (NNU). This online course is designed for students who study at various disciplines of physical geography, human geography, GIScience etc. This course encompasses a broad range of topics of cartography organized as component modules, for example, map projection, generalization, map symbolization, general mapping and thematic mapping. The course is prepared considering its scope as online open course for both self-learning and direct teaching in traditional class room, or combination of online and offline. This course creates a flexible and engaging e-learning environment for the students through pooling learning materials, sharing know-how more efficiently and effectively, and maintaining timely interactions with students.