The Modular Curriculum for Hydrologic Advancement (MOCHA)


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In-class hydrology education is typically strongly biased towards the instructor’s background and overcoming this limitation is overly burdensome within the time-constraints of the academic life. This is particularly true for academics in tenure-track positions when most of the material development has to occur. To overcome this issue, we are in the process of establishing the Modular Curriculum for Hydrologic Advancement (MOCHA). Our overall objective is to create an evolving core curriculum for hydrology education freely available to and developed and reviewed by the worldwide hydrologic community. We seek to establish an online faculty learning community for hydrology education and a modular core curriculum based on modern pedagogical standards. The goal of this effort is to support hydrology faculty in educating hydrologists that can solve today’s and tomorrow’s interdisciplinary problems that go far beyond the traditional disciplinary biased hydrology education most of us have experienced.