Modeling Course Questionnaire Form

Thank you for your willingness to share information about your course!

Your answers below will be valuable in helping CSDMS Integration Facility Staff to develop educational products illustrating the power in coupling earth surface process models. Depending on your answers, we may contact you directly by email for further information about your course; however, rest assured that you will not be placed on any listserves or other automatic mailing lists as a consequence of completing this survey.

Basic information		
Name of course (e.g. Modeling of Hydrologic Systems)		
Department abbreviation and course number (e.g., CVEN 5363)		
Department name (e.g., Civil Engineering)		
University (e.g., CU Boulder)		
Your name		
Your email address		
Are you the primary instructor? (If you are not the primary instructor, please list your role in the space to the right)	Yes No	
When did you last teach this course? (select all that apply)	Currently teaching Taught within the last year Taught within the last two years Taught more than two years ago	
Course level	Graduate Undergraduate Both (cross-listed)	
Course length	Semester (~16 weeks) Quarter (10-11 weeks) Other (specify number of weeks)	
If it's an UNDERGRADUATE course, indicate the assigned credit hours:	Other (please specify) 1 2 3 4 5	
If it's an UNDERGRADUATE course, approximately how many hours per week do you think students spend for all course-related work (including attending classes and labs, readings, completing assignments, etc.)?	0-3 hours 4-6 hours 7-9 hours 10-12 hours 13-15 hours 16+ hours	

If it's a GRADUATE course, indicate the assigned credit hours:	Other (please specify) 1 2 3 4 5	
If it's a GRADUATE course, approximately how many hours per week do you think students spend for all course-related work (including attending classes and labs, readings, completing assignments, etc.)?	0-3 hours 4-6 hours 7-9 hours 10-12 hours 13-15 hours 16+ hours	
Format (select all that apply)	Lecture Discussion/Recitation Lab Field	
If your course has a website, please provide the link]
Course Description Brief (a few sentences) description of course objectives, learning goals, and content; this can be copied from the university catalog course description.		
Please list any course prerequisites (either specific courses or general skills)]
Please list the textbook(s) that are used in this course]
Would you be interested in sharing your course syllabus?	Yes No	
Quantitative Treatment of Earth Surface Processes		
Please indicate any software that students use		
In this course	GIS software	
(select all that apply).	HEC software Excel or another spreadsheet STELLA	
	Other	

(please specify the software name(s))

Please indicate any programming language(s) that students use in this course (select all that apply).	C C++ Fortran Java Matlab Python Visual Basic Other (please specify the name of the language(s))	
Please indicate the type of numerical modeling that students do (select all that apply).	Use existing code/software Create new code/software	
Does this course incorporate analytical solutions or mathematical models?	Yes No	
Do the students learn and apply statistical techniques?	Yes No	
Do the students learn and apply GIS or spatial analysis?	Yes No	
Does this course address applied problems?	Anthropogenic impacts (please specify)	
	Climate change (please specify)	
	Natural hazards (please specify)	
	Natural resource management	

(please specify)

Please briefly list any other details you would like to share about the content of this course.

Relevance to CSDMS

Please indicate if you think the content of this course would be relevant to any of these CSDMS working groups and/or focus research groups (follow the links to learn more):

Would you be interested in using any of the following CSDMS products in your course(s) in the future? (follow the links to learn more)

Terrestrial Coastal Marine Hydrology Carbonate Education and Knowledge Transfer (EKT) Cyberinformatics & Numerics Chesapeake Bay

CSDMS Modeling Tool EKT animation repository EKT lab repository EKT lecture repository EKT textbook repository If you plan to use CSDMS products in your course, would you be willing to administer before and after evaluations to assess student learning?

Please provide suggestions on how you think CSDMS products could more effectively help you achieve your instructional goals.

Please indicate if you have modeling simulations, labs, lectures, textbooks, or images that you would like to contribute to our Education and Knowledge Transfer repository

If you responded YES to the above question, then please briefly describe these resources using the space provided to the right.

Thank you for completing our questionnaire!

When you have finished completing the survey, please save the file and send it as an email attachment to: maureen.berlin@colorado.edu

Depending on your answers above, we may contact you for further information about your course. Please email Maureen Berlin maureen.berlin@colorado.edu or Irina Overeem irina.overeem@colorado.edu if you have questions or would like direct feedback once we compile the questionnaire results.

If you have additional courses that you would like to share information about, please save the pdf as a new file so that you can take the survey again.

Yes No

Yes

No

