



Mathematics Education Research Unit
Unité de Recherche Éducationnelle en Mathématiques
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MERU Seminar Series Série de conférence UREM

Environmental risk and mathematics education



Professor Kjellrun Hiis Hauge, Bergen University College, Norway

October 7th 2014 4:00-6:00pm LMX 477
(en anglais seulement)

I started my previous academic life as a mathematical modeler at a marine research institute, developing advice to fisheries authorities on fish capture quotas. My main academic interest soon became what mathematics cannot do. In my talk I will give some examples I have experienced where uncertainty in quantitative information is suppressed. I suggest how this suppression is significant for society. My background sheds light on how my present interests are on environmental risk and mathematics education. In my new academic life I borrow concepts from the philosophy of science related to uncertainty. I will illustrate how these are relevant for critical mathematics education through examples from classroom studies on traffic safety, oil exploitation and climate change.