



## Tutorial on Cost Benefit Analysis, organized by the GEOValue Community in collaboration with OECD, NASA, USGS, and EUROSDR – March 9, 2016 at l'Ecole des Mines, Paris

### An event coordinated with the March 10-11 Workshop – Data to Decisions: Valuing the Societal Benefit of Geospatial Information

The organising committee of the Workshop on the Societal Benefits of Geospatial Information is pleased to announce a one day Pre-Workshop Tutorial on Benefit Cost Analysis techniques and applications to be held on March 9, 2016, at l'Ecole des Mines, Paris.

The tutorial will provide policy makers and geospatial specialists with an understanding of the basic economic framework within which socio-economic evaluations are conducted. Effective presentation of results to policy makers and for business cases is a critical issue and will be covered in the course of the tutorial. Two use cases will illustrate the concepts and principles that underpin cost benefit analysis and approaches to applying benefit cost analysis in different geospatial contexts. The first use case will draw on the analysis of improved geological map information for mineral exploration undertaken by the USGS for the Canadian Geological Survey. This use case will illustrate the use of benefit cost analytical techniques to value public goods.

In the second half of the tutorial participants will put the concepts into practice using examples developed earlier in the day. The following questions will be addressed: which methodology is appropriate to different circumstances; what strategies are effective to communicate the message; how are non-financial considerations factored in the analysis. The tutorial will provide documentation to illustrate the application of the techniques for economic, social and environmental benefits and cost.

The program will cover:

<i><b>Morning</b></i>	<i><b>Afternoon</b></i>
Economic concepts underpinning socio-economic evaluation (Alan Smart, ACIL Allen Consulting, Australia)	Critical analysis of approaches to valuation and communications – charge to break-out session (Andrew Coote)
Application in business case development (Andrew Coote, Consultingwhere, UK)	Second case study/other examples – addressed by breakout groups (Facilitated by presenters)
Value of information and its use and impacts for decision-making (Molly Mcauley, RFF, US)	Reports of breakout groups – what they found and how they differ – critiques (All)
Case study - An example of application (Richard Bernknopf, University of New Mexico, US)	Linking the tutorial to the upcoming workshop (Richard Bernknopf)
Communicating the results (Donna Kain, East Carolina University, US)	Open discussion

The tutorial will help those unfamiliar with evaluation techniques get the most out of the workshop on the following two days. Registration information will be available shortly.

Please register for the tutorial by February 1st, 2016. The tutorial will accommodate up to 30 participants. Most will be attending the March 10-11 workshop although the tutorial will be open to



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non-workshop participants if space is available. A fee of 200 US \$ will be charged for each participant to the tutorial to cover logistical expenses. A few grants provided by EuroSDR will be available to cover the registration fee. To apply for a grant, please submit a short application of your interest (300 words maximum and a short bio) .

