

**Coordination Group for Meteorological Satellites
Socioeconomic Benefits Tiger Team (SETT)
Presentations & Related Documents**

CMGS SETT Presentations

Wooldridge Presentation: “[Understanding and Assessing the Value of Improved Satellite Data for the Users of Operational Sea Ice Products and Information](#)”, March 11, 2016, 2016 GEOValue Data to Decisions Workshop

Wooldridge Presentation: “[Measuring the Value of Environmental Satellites: An International Effort,](#)” on 14 January 2016, American Meteorological Society (AMS) Annual Meeting

[Return form Public Space Investments: An initial analysis of evidence on the returns from public space investments](#), London Economics, October 1, 2015

Third Workshop Presentations (7 October 2015):

[Welcome Remarks & Introduction to the SETT](#)

Chuck Wooldridge, SETT Chair

[Introduction to the OECD Space Programme](#)

Claire Jolly, Head, OECD Space Programme

[Review of Proposed Case Study Design: Understanding and Assessing the Value of Improved Satellite Data for the Users of Operational Sea Ice Products and Information](#), Mary Ann Kutny, NOAA/NESDIS & Pablo Clemente Colon, NOAA/NESDIS National Ice Center

[SETT Guidance Document Discussion](#), Mary Ann Kutny, NOAA/NESDIS on behalf of herself and Stephan Bojinski, WMO

[Presentation: Economist Perspective on Case Study Design + Discussion](#)

Jeff Lazo, NCAR

[Report from the Socio-economic Tiger Team](#)

Charles Wooldridge, SETT Chair, Presented at the 43rd CGMS Plenary, Boulder, CO
<http://bit.ly/SETT-CGMS43>

[Keynote: Socioeconomic Benefits of Weather Information](#)

Jeff Lazo, UCAR Societal Impacts Program, Presented at the 43rd CGMS Plenary, Boulder, CO
<http://bit.ly/LazoCGMS43>

[Progress report from the Tiger Team on Socio-Economic Benefits from Space Programmes,](#)

Charles Wooldridge, NOAA, *Presented at the WMO 12th WMO 12th Session of Consultative Meetings on High-level Satellite Matters,*

http://bit.ly/Wooldridge_WMO-CM-12

[Preliminary assessment of socio-economic benefits from China Meteorological Satellite](#)

[Programs](#), Dr. Zheng Guoguang/Yang Jun, CMA, *Presented at the WMO 12th WMO 12th Session of Consultative Meetings on High-level Satellite Matters*

http://bit.ly/Guoguang_WMO-CM-12

[NOAA's JPSS Economic Benefit Analysis](#), Charles Wooldridge, NOAA, *Presented at the WMO 12th WMO 12th Session of Consultative Meetings on High-level Satellite Matters*

http://bit.ly/WooldridgeJPSS_WMO-CM-12

[Himawari-8 and -9 from Disaster Risk Reduction Perspective](#), Tatsuya Kimura, JMA, *Presented at the WMO 12th WMO 12th Session of Consultative Meetings on High-level Satellite Matters*

http://bit.ly/Kimura_WMO-CM-12

[Working with Early Adopters to determine the Socio-economic Benefits of SMAP data](#), Molly

Brown/Vanessa Escobar, NASA, *Presented at the 1st CMGS SETT Workshop*

http://bit.ly/NASA_SMAP_SETT1

Benefits of NASA Earth Science & Earth Observing Satellites, Lawrence Friedl, NASA, *Presented at the 1st CMGS SETT Workshop*

(See PDF)

[CGMS-SETT Related Documents & Studies](#)

European Commission Directorate-General for Enterprise & Industry (Prepared by Booz&Co):

[Cost-Benefit Analysis for GMES](#)

European Commission Directorate-General for Enterprise & Industry (Prepared by

PricewaterhouseCoopers LLP): **[Main Report Socioeconomic Benefits Analysis of GMES](#)**

EUMETSAT: **[The Case for EPS/METOP Second Generation Cost Benefit Analysis](#)**

http://bit.ly/EPS-METOP_CostBenefit

European Space Policy Institute: **[EUMETSAT-NOAA Collaboration in Meteorology form Space: Review of a Longstanding Trans-Atlantic Partnership](#)**. Report 46 September 2013

http://bit.ly/ESPI_EUMETSAT-NOAAPartnership

Thomas Frei, MeteoSwiss: [Economic and social benefits of meteorology and climatology in Switzerland](#)

IOCCG: “[Why Ocean Colour? The Societal Benefits of Ocean-Colour Radiometry](#)” Published by the International Ocean-Colour Coordinating Group. Publication sponsored by the Canadian Space Agency
<http://bit.ly/WhyOceanColour>

Dr. JUNG, Hong-Sang, Korea Meteorological Administration: [Societal Benefits from Meteorological Satellite Images](#).

Macauley: “[Ascribing societal benefit to applied remote sensing data products: an examination of methodologies based on the Multi-angle Imaging SpectroRadiometer experience](#)” Molly K. Macauley, David J. Diner, Journal of Applied Remote Sensing, Vol. 1, 013538 (27 September 2007)
http://bit.ly/RemoteSensing_Macauley_2007

Macauley: “[The value of information: Measuring the contribution of space-derived earth science data to resource management](#)” Molly K. Macauley, *Space Policy* 22 (2006) 274–282
http://bit.ly/SpacePolicy22_Macauley

Macauley: “[The Value of Information: A Background Paper on Measuring the Contribution of Space-Derived Earth Science Data to National Resource Management](#)” Molly K. Macauley, May 2005 Discussion Paper 05-26, Resources for the Future
http://bit.ly/RFF_Maucauley_2005

NASA: [Measuring Socioeconomic Impacts of Earth Observations: A Primer](#)
http://bit.ly/NASA_SocioeconomicPrimer

NASA: [2012 Annual Report NASA Applied Sciences Program](#)
<http://bit.ly/2012NASAAppliedSciences>

NASA: [2011 Annual Report NASA Applied Sciences Program](#)
<http://bit.ly/2011NASAAppliedSciences>

NASA: “[Evaluating the use of remote sensing data in the U.S. Agency for International Development Famine Early Warning Systems Network](#)” Molly E. Brown and Elizabeth B. Brickley, Journal of Applied Remote Sensing 063511-2, Vol. 6, 2012
http://bit.ly/USAID_FEWSNet_Evaluation

NASA: [“Policy for robust space-based earth science, technology and applications”](#) Molly E. Brown et al. Space Policy (2012) 1-7
http://bit.ly/SpacePolicy_Brown2012

National Geospatial Advisory Committee – Landsat Advisory Group, [“The Value Proposition for Landsat Applications – 2014 Update.”](#)

USGS: [What is the Economic Value of Satellite Imagery?](#) Fact Sheet - January 2013
http://bit.ly/USGS_ValueSatelliteImagery

USGS: [An Economic Value of Remote-Sensing Information – Application to Agricultural Production and Maintaining Groundwater Quality.](#) Professional Paper 1796, 2012
http://bit.ly/USGS_RemoteSensingApplication

WMO: [“Observing System Studies: Cost Benefit Studies for Observing Systems”](#) WMO Document CBS/OPAG-IOS/IPET-OSDE1/Doc 8.4 (03-12-2014)
http://bit.ly/WMO_CostBenefitStudies

WMO: [Climate Exchange](#) (case studies in GFCS across various application areas)
<http://bit.ly/WMOClimateExchange>

WMO Side Meeting Presentations, EUMETSAT 2014

- Alain Ratier: [Socio-economic benefits of satellite data](#)
- Lars Peter Riishojgaard: [Cost-benefit analysis of satellite observing systems](#)
- Stephan Bojinski: [Raising the benefits of meteorological services and satellites](#)

WMO: **TECO PART2: “Understanding and Communicating the Return on Investment through Basic Systems and Services”** CBS-15/Doc.8(1)
(PDF Provided)