SEEA APPLICATIONS AND EXTENSIONS : OVERVIEW

Report by Carl Obst, SEEA Editor

18th London Group Meeting

2-4 October, 2012

Ottawa, Canada

BACKGROUND

- Regular discussion on structure and audience for SEEA Applications and Extensions in LG and UNCEEA meetings for a number of years

- UNCEEA sub-group proposed way forward in June 2011

- Sought contributions from 12 authors across various topics

- Discussion at UNCEEA meeting in June 2012

- SEEA Editor with direction from Editorial Board brought material together through July & August

OUTLINE OF SEEA APPLICATIONS AND EXTENSIONS

- Chapter 1: Introduction
  - General context and purpose
  - Aim to:
    - Highlight the potential of data within the SEEA CF
    - Bridge perspectives of analysts/researchers and compilers
  - Importance of examples to meet these aims
    - Role of UNSD website in providing a reference library
  - No focus on possible applications and extensions related to SEEA Experimental Ecosystem Accounts
  - Need to distinguish potential of SEEA data with respect to assumptions needed for modeling

CHAPTER 2: APPLICATIONS OF SEEA DATA

- Focus on analytical themes or topics rather than methods
- Short summaries of possibilities with examples
- Accept some overlap and recognise connections between topics and data sources are often many to many
- Topics / themes covered
  - Sustainable resource use and environmental efficiency
  - Production, employment and expenditure on environmental activities
  - Environmental taxes, subsidies and similar transfers
  - Environmental assets, net wealth, income and depletion

CHAPTER 3: ANALYTICAL TECHNIQUES

- Focus on cross-cutting techniques rather than specific topics or themes

- Key component is the use of environmentally extended input-output tables (EE-IOT) and associated variations (e.g. multi-regional EE-IOT)

- Various types of analysis using EE-IOT
  - Structural, Multiplier, Consumption based modeling, CGE modeling

- Other analytical techniques
  - Decomposition analysis
  - Geo-spatial analysis

CHAPTER 4: EXTENSIONS OF THE SEEA

- Focus on decomposition of SEEA data
  - More detailed breakdowns
  - Re-organisation of data for specific themes
- No focus on extensions of SEEA in the sense of broadening SEEA structure to encompass a social dimension
- Two main examples
  - The potential to incorporate additional detail relating to the household sector
  - Linking SEEA and tourism data through extended/joined up satellite accounting

STATUS AND NEXT STEPS

- Complete draft Chapter 5: Indicators and dashboards

- Improve discussion in Chapter 3 on EE-IOT including consultation with IO modeling experts

- Use of examples
  - Current draft aims to "anonymise" examples (still to be fully applied)
  - Broader country coverage of examples would be useful

- Next draft : mid-November for broader consultation

- Final version to UNSC by mid-January