



Environmental Economic Accounting for Water In Brazil – Preliminary Statistics and Challenges for the future

José Antônio Sena do Nascimento*

Instituto Brasileiro de Geografia e Estatística, Brazil – jose.sena@ibge.gov.br

Maria Aguilera

Instituto Brasileiro de Geografia e Estatística, Brazil – maria.aguilera@ibge.gov.br

The Brazilian Institute of Geography and Statistics (IBGE) and The Brazilian National Water Agency (ANA) are implementing the environmental economic accounting for water in Brazil based on United Nations Statistics Division (UNSD) statistical standards. This will bring a broader assessment and policy decision based on information from IBGE and ANA information. The first phase of the SEEA Water in Brazil consists in the Physical Account of Water Assets. The second phase correspond to evaluation of water use by the Brazilian economic sectors. The data sources are the Annual Water Report, the National Survey on Water Supply and Sanitation(PNSB), the National Information System on Water Supply and Sanitation(SNIS), Demographic Census, Agricultural and Live Stock Census, among others. The accounts are the physical supply and use tables for water. The indicators are the relative water stress index, the proportion of water resources used, the water use intensity, the water productivity, the water pollution intensity, the water inter-states/national dependency ratios, among others. Some analyses are being held such as the decoupling water use economic growth, structural decomposition analysis for water use, etc. The policy areas served could be the water dependence (inter-states), questions towards water scarcity, the water efficiency, and, of course the emerging questions about the adaptation to climate change, in addition to other issues that are expected to arise in the course

Key Words: national accounts, natural resources, sustainable development, indicators of this research project.