



Statistical Centre of Iran

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Goal: represent Environment Accounts

Basics:

- System of Integrated Environmental and Economic Accountants (SEEA)
- System of National Accounts (SNA)
- International Standard Industrial Classification of all Economic Activities (ISIC)
- Central Product Classification (CPC)

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Relevant Organizations

The Ministry of Energy

responsible for management of supply and demand of water, electricity, energy, and wastewater services

a major role in preservation of natural resources, environment protection, public health promotion, welfare and self-sufficiency for sustainable development in energy production.

The Department of Environment

that is responsible for matters related to safeguarding the environment.

The Ministry of Agriculture Jihad

a government body responsible for the oversight of Agriculture in Iran. It's in charge of Water supply for agricultural purposes and Water pollution caused by agriculture.

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activities

The Ministry of Energy

responsible for management of supply and demand of water, electricity, energy, and wastewater services

a major role in preservation of natural resources, environment protection, public health promotion in related to fresh water and development of energy production systems.

The Department of Environment

that is responsible for matters related to environment safeguarding

The Ministry of Agriculture Jihad

a government body responsible for the oversight of Agriculture in Iran. It's in charge of Water supply for agricultural purposes and Water pollution caused by agriculture.

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Activities

Study and researches

Translation of System of Environmental-Economic Accounting (SEEA)-water

Informal translation for System of Integrated Environmental and Economic Accountants (SEEA)

Research project for Integrated Environmental and Economic Accountants of Iran in The Monetary and Banking research Institute of the Central Bank of the Islamic Republic of Iran (according to the 2003 Standard)

Pilot study of Iran's Environmental Accountants in The National Iranian Productivity Organization

Research on Environmental Impact of the manufacturing industry and mining in terms of statistics

Research on System of Environmental-Economic Accounting (SEEA)-water in The Statistical Research and Training Center

Comprehensive Theme on environmental indicators

surveys

The Survey on Manufacturing Establishments

The Survey on Establishments related to the environmental services

The Survey on Environmental diagnostic of Manufacturing Establishments in the country

The Survey on Environmental Services

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Research on System of Environmental-Economic Accounting (SEEA)-water

The research proposed to integrate the Water Accounts based on SEEA-water to evaluate and analyze six sets of accounting

- Physical Supply and Use Tables
- Emissions accounts
- Combined tables
- Asset accounts
- Water quality
- Water resources accounts

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Research Resources

- National Accounts
- Population and Housing Census
- The Survey on Environmental diagnostic of Operating Mines in the country
- The Survey on Manufacturing Establishments(attached questionnaire of Environmental diagnostic of Manufacturing Establishments in the country)
- The Survey on Establishments related to the environmental services
- The results of Research on Environmental Impact of the manufacturing industry and mining in terms of statistics
- Environmental indicators Journal
- Administrative data from Regional Water Authority and Iran Water Resource Management Company
- Comprehensive Country Water Plan

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Resources for Monetary information

- Administrative data from The Ministry of Energy(Energy Balance Yearbook, Water Statistical Yearbook, ...)
- Administrative data from The Ministry of Agriculture Jihad
- Administrative data from The Department of Environment

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informations

- Measuring the amount of manufacturing waste (solid and liquid), water consumption resources, and amount of used water
- Information on wastewater purification including amount, disposal location, type of purification system , pollutant indicators, recycling method and the amount of recycled sewage
- Information on waste from manufacturing (waste amount by type, purification methods and amount of purified, recycling methods, ...)

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Results

The National Committee for calculating Environment Economic Accounts prepared the first official tables as follows:

- Formal Physical Supply Tables with certain data (final edition)
- Formal Physical use Tables with certain data (final edition)
- Asset accounts (primary edition)

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More Activities

- Improvement of the Survey on Manufacturing Establishments
Firstly Attached environmental questioner
Finally special section for environmental information
- Improvement of The Survey on Environmental diagnostic of Operating Mines in the country
Firstly Attached environmental questioner
Finally special section for environmental information
- The Survey on Agriculture
An Attached environmental questioner is planning

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The Department of Environment

“Informal announcements”

There is a research to calculate asset accounts for environmental in collaboration with the Central Bank of the Islamic Republic of Iran to compile the land accounts and forest accounts.

Prepared tables but not published.

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Challenges

- the variety of related organizations which their policies affect data gathering
- The Differences in identification between related organizations. The SCI uses standard identifications based on international manuals and classifications but other related organizations have specific identifications based on needs, availability and some other issues It's an important challenge to find appropriate rebuilding methods to match available data.
- The challenge of coordinating data providers and account compilers

- Lack of administrative data

Statistical Center of Iran has a macro project named IranStars to keep up administrative data bank in the country for all sections including environmental information

- Lack of shared experiences

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Suggestions

- A standard data gathering system to provide a standard data bank and integrate different information sources
- knowledge improvement by sharing experiences, workshops and virtual trainings in region the learning workshops and training courses have a high rate value and it's essential to extend and improve the number and the quality of such programs. Virtual courses are so helpful to improve members knowledge with affordable but valuable.
- The experience of having a national committee specified to calculating environment accounts worked

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Thank you