

FROM DATA SOURCES TO THE ENVIRONMENTAL INDICATORS OF THE SDGS: SURVEYS, ADMINISTRATIVE RECORDS, MONITORING, AND GEOSPATIAL INFORMATION

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Economic And Social Commission For Western Asia



UNITED NATIONS

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ESCWA

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Consultative Meeting on the Implementation Framework for the
Environmental Dimension of the 2030 Agenda in the Arab Region

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Multi-Sources Data

- Economic/Business/Industrial Census And Surveys: Extraction, Production, Manufacturing, Transportation And Distribution, And Intermediate And Final Consumption Of Fuels
- Population And Housing Census (GIS Based) And Periodic And Ad Hoc Surveys: Household, Agriculture, Transport For End Use
- Administrative Records: Business Registers, Oil And Gas And Electricity Companies Reports/ Government Agencies, On Supply And Consumption, Prices, Investments, Customs
- Environment Survey: Expenditures On Environmental Protection
- Satellite Imagery For Land Use, Surface Water, Roads And Infrastructure, Etc. Required For Modernizing And Responding To Reporting On Sdgs
- Monitoring Data (Temperatures, Air Pollution)

Global and Regional Setting on Geospatial and Official Statistics

- Committee of Experts on Global Geospatial Information Management (UN-GGIM) <http://ggim.un.org/>
- Committee of United Nations on Global Geospatial Information Management for Arab States (UN-GGIM:Arab States) <http://www.un-ggim-as.org/>
- ESCWA's Questionnaire to NSOs on use and production of Geospatial data

Questions Responses 1

 تقييم وضع البلدان العربية وقدراتها لإنتاج واستخدام المعلومات الجغرافية كمصدر للبيانات

Assessing the Status and Needs of Arab Countries to Produce and Utilize Geospatial Information as a Data Source for the SDGs

1. يرجى كتابة عنوان البريد الإلكتروني.
Kindly type your email address. *

Enter your answer

2. الاسم الأول
First Name *

Enter your answer

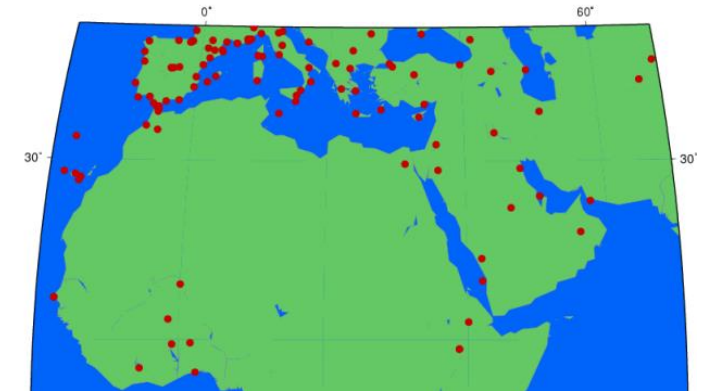
3. الشهرة
Family name *

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Some Examples from Arab Countries Progress

The ArabRef project - A New Geodetic Network for Arabia

ITRF2014 Network: GNSS - Zoom



Geospatial and Statistical Data for Analysis & Dissemination (with Special Reference to Qatar Census 2010)

The Qatar Nationwide GIS

- GISnet : High speed fibre optic network.



Benefits of Integrating geospatial in Official Statistics

Factors Encouraging Integration Of Geospatial Data Into Official Statistics

Requirements For Statistical Operations :

- Maps
- GPS Coordinates
- Ortho And Satellite

Cost Reduction And Efficiency In Resources.

- Time-saving And High-quality Outputs
- Official Statistics Integrated With Other Data
- On-line Dissemination

Opportunities

1. International Guidelines
2. Strengthening Ggim: Arab States
3. Linking With Gis-based Census
4. Coordination With National. Regional And International Agencies Donors, Space Agencies, Research Centers Such As:
 - EO4SD Initiative: **European Space Agency (ESA-ESRIN) And The World Bank** Earth Observation For Sustainable Development Partnership
 - Islamic Development Bank
 - Part Of The DA Project On SDG Pillar 1: Means Of Implementation

THANK YOU

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