

UN-GGIM 7th Session

2 August 2017, UN Headquarters, New York

UN-GGIM: Arab States Activities



UN-GGIM: Arab States

UNITED NATIONS INITIATIVE ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT



 **Background**

 **Activities of UN-GGIM: Arab States**

 **Future Plans**

UN-GGIM: Arab States was formally created during the Fourth Session of UN-GGIM Committee of Experts session held in New York in August 2014.

❖ UN-GGIM:Arab States list of members nations

Algeria, Bahrain, Comores, Djibouti, Egypt, Iraq, Jordan, Kuwait, Lebanon, Libya, Mauritania, Morocco, Oman, State of Palestine, Qatar, Saudi Arabia, Somalia, Sudan, Syrian Arab Republic, Tunisia, United Arab Emirates and Yemen.

❖ UN-GGIM:Arab States Head

Chair: Dr.Abdelaziz Alsaab, Saudi Arabia

Vice Chair: Mr. Hamid Oukaci, Algeria

Vice-Chair: Mr. Awni Al-Khasawneh, Jordan

Secretary-General: Dr. Bandar Al-Muslmani, Saudi Arabia



UN-GGIM: AS has the four Working Groups



WG1: Institutional Arrangements, Legal and Policy Issues,
Awareness and Capacity Building
(Chair: United Arab Emirates and Vice-Chair: Morocco)



WG2: Fundamental Data and Geo-Standards
(Chair: Tunisia and Vice-Chair: Qatar)



WG3: Geodetic Reference Frame
(Chair: Algeria and Vice-Chairs: Lebanon and Saudi Arabia)



WG4: Integration of Geospatial & Statistical Information
(Chair: Oman and Vice-Chairs: Egypt and Kuwait)

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- The following meetings were held during the year since the 6th UN-GGIM meeting in August 2016:

#	Meeting	Date	Location
1	4th Plenary meeting	Feb 2017	Doha, Qatar
2	Qatar Working Groups meeting	Feb 2017	Doha, Qatar
3	WG3 2nd meeting	November 2016	Riyadh, Saudi Arabia



UN-GGIM: Arab States Fourth Plenary Meeting - Qatar 2017, Feb. 21 -23, 2017

- ❖ Attended by sixty representatives of fourteen Arab countries: People's Democratic Republic of Algeria, Kingdom of Bahrain, Arab Republic of Egypt, State of Kuwait, Kingdom of Jordan, Lebanese Republic, Kingdom of Morocco, Sultanate of Oman, State of Palestine, State of Qatar, Kingdom of Saudi Arabia, Republic of the Sudan, Republic of Tunisia, and United Arab Emirates.
- ❖ It was also attended by UN-GGIM vice president and two secretary representatives, UN-GGIM Americas vice president, as well as six international experts was invited to support the Arab Status work groups in their activities, and a representatives of GCC Statistical Forum,



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Objectives of the Fourth Plenary Meeting (Doha 2017):

- Develop the framework for the on-going Program for all WGs to achieve the desired objectives of UN-GGIM
- Integrate and align with the activities of the UN-GGIM to adopt international standards, policies, criteria and methodologies for management of geospatial information
- Review & Develop the Work Plan for each WG
- Introduce the International Best practices from International Experts



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Work Group Meetings (Aug. 2016 – Aug. 2017)

#	Location & Date	WG1	WG2	WG3	WG4
1	Doha, Feb 2017	✓	✓	✓	✓
2	Riyadh, Nov. 2016			✓	



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WG1 :

- 🌐 A draft work program which includes WG1 vision, aim, definitions, goals & objectives.
- 🌐 The draft was circulated to all members for their feedback before approval.



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WG2 :

- 🌐 Reviewed the current situation pertaining to foundation data and the standards in their respective countries
- 🌐 Adopt fundamental geospatial data infrastructure components and standers.
- 🌐 Assessed progress of work plans to create a Geo-Portal for Arabs members.



WG3: Riyadh 2016 recommendations

REC-1-: An Approval needed from all members about the principle, importance and spirit of data sharing to support the realization of ARABREF,

REC-2-: Define two phases for building the ARABREF:

Phase 1: GNSS data analysis of ARABREF CORS network

Phase 2: physical geodesy data analysis of ARABREF vertical network (e.g. Geoid, gravity, leveling, tide gauges)

REC-3-: Provide GNSS data (RINEX and metadata files) of at least 10%, with an appropriate distribution of the CORS network of each country

REC-4-: Establish 2-3 Data Centers to store and archive GNSS CORS RINEX and metadata files with access privilege to all AS Members

REC-5-: Establish at least 2-3 Analysis Centers for routine daily analysis of ARABREF CORS network, and should be extended to all Arab Member States

REC-6-: UN-GGIM-AS Members were requested to provide the approximate locations of their ARABREF CORS stations.

REC-7-: UN-GGIM-AS Members who will host Data Centers are invited to present a progress report at the 4th UN-GGIM-AS meeting in Qatar 2017.

REC-8-: UN-GGIM-AS Members are invited to present a progress report at the 4th UN-GGIM-AS meeting in Qatar on their GNSS analysis capabilities



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WG3: Riyadh 2016 Meeting



WG3: Doha 2017 recommendations

REC-1-: WG3 Chair to prepare a letter to UN-GGIM AS members to solicit their support and contribution to the implementation of ARABREF. The support letter should be signed by Committee President and should include the following: The benefits and objectives of the proposed ARABREF, as well as the importance of working together, sharing of data, knowledge, and expertise.

REC-2-: WG3 members should be encouraged to continue their efforts for the implementation of Riyadh recommendations

REC-3-: Member States with technical capabilities to start establishing (1) Data Centers to archive GNSS observation files of their selected CORS stations and (2) Analysis Centers, should start discussing their plans.

REC-4-: The selected GNSS CORS stations should adhere to and satisfy the international standards, e.g. IGS (International GNSS Service).

REC-5-: Member States to acquire technical capabilities in GNSS processing.

REC-6-: WG3 members of the UN-GGIM: Arab States are invited to contribute to the creation of the work plan of the UN-GGIM Sub-Committee on Geodesy, regarding the implementation of the GGRF roadmap recommendations.



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WG4 :

- 🌐 Developed a questionnaire to find out the current status / availability of the statistical data and geographical information in the member countries.
- 🌐 Approved the work plan for WG4 activities.
- 🌐 Working to develop initiatives for products and applications on statistical data and geographical information.
- 🌐 To encourage the development of human resources and expertise in the use of statistical data and geographical information



Future Plans

- 🌐 The Working Groups will continue developing work programs and incorporating the countries, accumulating regional cooperation and achievements in all of them.
- 🌐 The fifth plenary meeting of the Regional Committee will be held in Muscat, Oman on Feb 2018

