

management system and standards and the ISO 14000 series of environmental management system standards. Standardization programmes are now being developed in completely new fields, such as food safety, security, social responsibility and the service sector.

*Mission.* To promote the development of standardization and related activities in the world with a view to facilitating the international exchange of goods and services, and to developing co-operation in the spheres of intellectual, scientific, technological and economic activity.

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*Email:* [central@iso.org](mailto:central@iso.org)  
*President:* Zhang Xiaogang (China).

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## International Road Federation (IRF)

The IRF is a non-profit, non-political service organization whose purpose is to encourage better road and transportation systems worldwide and to help apply technology and management practices to give maximum economic and social returns from national road investments.

Founded following the Second World War, over the years the IRF has led major global road infrastructure developments, including achieving 1,000 km of new roads in Mexico in the 1950s, and promoting the Pan-American Highway linking North and South America. The IRF works together with members and associates in 118 countries, promoting social and economic benefits that flow from well planned and environmentally sound road transport networks. It publishes *World Road Statistics*, covering over 200 countries and territories.

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Fifth Floor, Alexandria, Virginia 22314, USA.  
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*Chairman:* Abdullah A. Al-Mogbel (Saudi Arabia).

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## International Seabed Authority (ISA)

The ISA is an autonomous international organization established under the UN Convention on the Law of the Sea (UNCLOS) of 1982 and the 1994 Agreement relating to the implementation of Part XI of the UNCLOS. It came into existence on 16 Nov. 1994 and became fully operational in June 1996.

The administrative expenses are met from assessed contributions from its members. Membership numbered 168 in Feb. 2017; the budget for the biennium 2015–16 was US\$15,743,143.

The UNCLOS covers almost all ocean space and its uses: navigation and overflight, resource exploration and exploitation, conservation and pollution, fishing and shipping. It entitles coastal states and inhabitable islands to proclaim a 12-mile territorial sea, a contiguous zone, a 200-mile exclusive economic zone and an extended continental shelf (in some cases). Its 320 Articles and nine Annexes constitute a guide for behaviour by states in the world's oceans, defining maritime zones, laying down rules for drawing sea boundaries, assigning legal rights, duties and responsibilities to States, and providing machinery for the settlement of disputes.

*Organization.* The Assembly, consisting of representatives from all member states, is the supreme organ. The 36-member Council, elected by the Assembly, includes the four largest importers or consumers of seabed minerals, four largest investors in seabed minerals, four major exporters of the same, six developing countries representing special interests and 18 members from all the geographical regions. The Council is the executive organ of the Authority. There are also two subsidiary bodies: the Legal and Technical Commission (currently 24 experts) and the Finance Committee (currently 15 experts). The Secretariat serves all the bodies of the Authority and under the 1994 Agreement is performing functions of the Enterprise (until such time as it starts to operate independently of the Secretariat). The Enterprise is the organ through which the ISA carries out deep seabed activities directly or through joint ventures.

*Activities.* In July 2000 the ISA adopted the Regulations for Prospecting and Exploration for Polymetallic Nodules in the Area. Pursuant thereto, it signed exploration contracts with eight contractors who have submitted plans of work for deep seabed exploration. These are: Institut Français de Recherche pour l'Exploitation de la Mer (IFREMER) and Association Française pour l'Etude de la Recherche des Nodules (AFERNOD), France; Deep Ocean Resources Development Co. Ltd (DORD), Japan; State Enterprise Yuzhmoregeologiya, Russian Federation; China Ocean Minerals Research and Development Association (COMRA); Interoceanmetal Joint Organization (IOM), a consortium sponsored by Bulgaria, Cuba, Czech Republic, Poland, Russia and Slovakia; the government of the Republic of Korea; the Republic of India; and the Federal Institute for Geosciences and Natural Resources, Germany.

Workshops are held on a range of topics, normally once a year. In the past these have included: environmental management needs for exploration and exploitation of deep seabed minerals; a standardized system of data interpretation; and prospects for international collaboration in marine environmental research.

*Headquarters:* 14–20 Port Royal St., Kingston, Jamaica.  
*Website:* <http://www.isa.org.jm>  
*Secretary-General:* Michael W. Lodge (United Kingdom).

*Publications.* *Handbook 2013.—Selected Decisions and Documents from the Authority's Sessions.—various others.*

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## International Telecommunications Satellite Organization (ITSO)

Founded in 1964 as Intelsat, the organization was the world's first commercial communications satellite operator. Today, with capacity on a fleet of geostationary satellites and expanding terrestrial network assets, Intelsat continues to provide connectivity for telephony, corporate network, broadcast and internet services.

*Organization.* In 2001 the member states of the organization implemented restructuring by transferring certain assets to Intelsat Ltd, a new commercial company under the supervision of the International Telecommunications Satellite Organization, now known as ITSO. In 2009 Intelsat Ltd moved its corporate headquarters to Luxembourg and became Intelsat S.A. ITSO's mission is to ensure that Intelsat provides public telecommunications services, including voice, data and video, on a global and non-discriminatory basis. The governing body of ITSO is the Assembly of Parties, which normally meets every other year. The Executive Organ is headed by the Director-General and is responsible to the Assembly of Parties. The Director-General