

IISL COLLOQUIUM ON THE LAW OF OUTER SPACE (E7)  
Legal Implications of Evolving Remote Sensing Technologies (3)

Author: Dr. Fatheya Al Shareji  
UAE Space Agency, United Arab Emirates, F.AlSharji@space.gov.ae

THE UAE APPROACH REGARDING REMOTE SENSING DATA

**Abstract**

Remote Sensing means collection and transmission of data about a sensed object by making use of the electromagnetic waves reflected, emitted or diffracted by/from a sensed object. Over time Remote Sensing has demonstrated its importance from different perspectives such as scientific, social, economic and political aspects. Indeed it helped in better understanding and monitoring the Earth and its environment. Many states realized the importance of the topic. Therefore, they regulated Remote Sensing Data and Remote Sensing Activities. Like other states the UAE realized the significance of the topic, in doing so it regulated generally Remote Sensing data and activities in its Federal Law No. (12) of 2019 on the Regulation of the Space Sector, where such activities requires an Authorization. More requirements for such Authorization were specified in the Authorization Regulation. Recently, the UAE Space Agency conducted a comparative study regarding Remote Sensing. This study viewed some of the domestic regulations for several States such as U.S.A., Germany, Japan, France and Canada. The study concluded that States differ in their approaches to regulate Remote Sensing; some of which have set up special laws, such as Germany and the U.S.A.; others have developed special articles for Remote Sensing in their laws, like in France and Japan. Furthermore, there are states that have regulated all types of Remote Sensing systems and data, such as U.S.A. and Canada, and others regulated only HR systems and data, like Germany, France and Japan. In General, states regulate the first data dissemination. Based on the study's outcome, the UAE Space Agency developed its Remote Sensing Regulation. The said Regulation applied to sensitive Remote Sensing Activities and Remote Sensing Data Management Activities. This paper will illustrate the most important elements of the UAE Remote Sensing Regulation as well as the sensitivity check criteria.