TABLE 1 Some Existing and Proposed Civilian Earth-Sensing Satellites

Year	Program	Country	Sensors	Resolution	Swath Width*
1978	SEASAT-1	USA	SAR**	25 m	100 km
1981	SIR-A***	USA	SAR	40 m	50 km
1982	LANDSAT-4	USA	Thematic Mapper	30–120 m	185 km
			Multi-spectral Scanner	82 m	185 km
1984	SIR-B	USA	SAR	25 m	20–50 km
1986	SPOT	France	Visible and Near Infrared	20 m	2x60 km
			Panchro-matic	10 m	2x60 km
1989	LANDSAT-6	USA	Enhanced Thematic Mapper	15–120 m	185 km
			Emulated Multi-spectral Scanner	60 m	185 km
1990	ERS-1	ESA****	SAR	30 m	80 km
1990	SIR-C	USA	SAR	25 m	20–50 km
1991	JERS-1	Japan	Visible and Near Infrared Radiometer	25 m	150 km
			SAR	18 m	75 km
1993	RADARSAT	Canada	Visible and Near Infrared	30 m	400 km
			SAR	8–28 m	100–500 km

* Swath width is the width of the strip of terrain or ocean recorded by the satellite sensor in one orbital pass.
** Synthetic Aperture Radar.
*** Shuttle Imaging Radar.
**** European Space Agency.