

Supplementary Table S1. Description of SPOT and KH satellite parameters.

| Platform | Ground sample distance | Swath width | Bands | | Operation dates |
|-----------------|---|-------------|-------|-------------------------|-----------------|
| SPOT 1 | Panchromatic: 10 m Multispectral: 20 m | 60 km | Pan | 0.51-0.73 μm | 02/1986-11/2003 |
| | | | Green | 0.50-0.59 μm | |
| | | | Red | 0.61-0.68 μm | |
| | | | NIR | 0.79-0.89 μm | |
| SPOT 2 | Panchromatic: 10 m Multispectral: 20 m | 60 km | Pan | 0.51-0.73 μm | 01/1990-07/2009 |
| | | | Green | 0.50-0.59 μm | |
| | | | Red | 0.61-0.68 μm | |
| | | | NIR | 0.79-0.89 μm | |
| SPOT 3 | Panchromatic: 10 m Multispectral: 20 m | 60 km | Pan | 0.51-0.73 μm | 09/1993-11/1996 |
| | | | Green | 0.50-0.59 μm | |
| | | | Red | 0.61-0.68 μm | |
| | | | NIR | 0.78-0.89 μm | |
| SPOT 4 | Panchromatic: 10 m Multispectral: 20 m | 60 km | Pan | 0.61-0.68 μm | 03/1998-06/2013 |
| | | | Green | 0.50-0.59 μm | |
| | | | Red | 0.61-0.68 μm | |
| | | | NIR | 0.79-0.89 μm | |
| | | | SWIR | 1.58-1.75 μm | |
| SPOT 5 | Panchromatic: 5 m Multispectral: 10 m | 60 km | Pan | 0.48-0.71 μm | 05/2002-03/2015 |
| | | | Green | 0.50-0.59 μm | |
| | | | Red | 0.61-0.68 μm | |
| | | | NIR | 1.58-1.75 μm | |
| | | | SWIR | 1.58-1.75 μm | |
| SPOT 6 | Panchromatic: 2 m Multispectral: 8 m | 10-60 km | Pan | 0.45-0.52 μm | 09/2012-present |
| | | | Green | 0.53-0.60 μm | |
| | | | Red | 0.62-0.69 μm | |
| | | | NIR | 0.76-0.89 μm | |
| SPOT 7 | Panchromatic: 2 m Multispectral: 8 m | 10-60 km | Pan | 0.45-0.52 μm | 06/2014-present |
| | | | Green | 0.53-0.60 μm | |
| | | | Red | 0.62-0.69 μm | |
| | | | NIR | 0.76-0.89 μm | |
| KH-4A Corona | Panchromatic 2.7 m | n/a | n/a | n/a | 08/1963-09/1969 |
| KH-9 Hexagon | Panchromatic: 2.5 m | n/a | n/a | n/a | 08/1971-10/1984 |