**PS-10 CHANGE DETECTION USING SATELLITE IMAGERIES**

**MOCK DATA SET**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Sensor** | **Image/ Product Id** | **Reference Location** | **Date** |
| **1.a** | Sentinel-2  (L1C) | S2B\_MSIL1C\_20230307T042709\_N0510\_R133\_T46RCP\_20240820T132041.SAFE | 25.751, 91.615 | 07-03-23 |
| S2B\_MSIL1C\_20250306T042709\_N0511\_R133\_T46RCP\_20250306T061811.SAFE | 06-03-25 |
| (OR) | | | | |
| **1.b** | Sentinel-2 (L2A) | S2B\_MSIL2A\_20230307T042709\_N0510\_R133\_T46RCP\_20240820T190203.SAFE | 25.751, 91.615 | 07-03-23 |
| S2B\_MSIL2A\_20250306T042709\_N0511\_R133\_T46RCP\_20250306T062707.SAFE | 06-03-25 |
|  |  |  |  |  |
| **2.a** | Sentinel-2 (L1C) | S2A\_MSIL1C\_20170520T052651\_N0500\_R105\_T43QEC\_20230906T220800.SAFE | 20.259, 75.533 | 20-05-17 |
| S2A\_MSIL1C\_20250420T053241\_N0511\_R105\_T43QEC\_20250420T105618.SAFE | 20-04-25 |
| (OR) | | | | |
| **2.b** | Sentinel-2 (L2A) | S2A\_MSIL2A\_20170520T052651\_N0500\_R105\_T43QEC\_20230907T064309.SAFE | 20.259, 75.533 | 20-05-17 |
| S2A\_MSIL2A\_20250420T053241\_N0511\_R105\_T43QEC\_20250420T120316.SAFE | 20-04-25 |
|  |  |  |  |  |
| **3** | LISS4 (MX70)\_L2 | R2F15FEB2022056180011000053SSANSTUC00GTDD | 25.846, 91.745 | 15-02-22 |
| RAF07MAR2025042796011000053SSANSTUC00GTDD | 07-03-25 |
|  |  |  |  |  |
| **4** | LISS4 (MX70)\_L2 | R2F08APR2017030975009700058PSANSTUC00GTDC | 20.015, 75.878 | 08-04-17 |
| RAF07APR2025043238009700058SSANSTUC00GTDC | 07-04-25 |

**Instructions to Participants**

1. Participants are required to download the mock data sets, using details provided in table above, from Bhoonidhi (for LISS4) and Copernicus (for Sentinel-2) portal.
2. For Sentinel-2, both L1C & L2A details are provided and either can be used according to participant preference.
3. Participants will submit a zip folder with naming convention as, “PS10\_DD-MM-YYYY\_STARTUPNAME.ZIP”, where DD-MM-YYYY- refers to date of submission.
4. Within the zip file, participants should submit the result files (georeferenced) in the following format for each dataset

Change\_Mask\_Lat\_Long.tif

Change\_Mask\_Lat\_Long.shp

Where Lat\_Long are provided in ‘Reference Location’ column of the above table.

For eg., for Dataset 1, the following should be the result files name  
Change\_Mask\_25.751\_91.615.tif  
Change\_Mask\_25.751\_91.615.shp

1. The Zipped file should contain all the change masks (4 tifs and 4 shapefiles) without any sub-folders.