Initial Analysis results of Typhoon in Taiwan using ALOS-2/PALSAR-2

Japan Aerospace Exploration Agency (JAXA) Remote Sensing Technology Center of Japan (RESTEC)
## Utilized Data

<table>
<thead>
<tr>
<th>Obs.Date</th>
<th>Mode</th>
<th>Satellite/Sensor</th>
<th>Pol.</th>
<th>Flight Direction</th>
<th>Off-nadir angle</th>
<th>Beam Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-disaster</td>
<td>2015/3/1</td>
<td>SM1</td>
<td>HH</td>
<td>Descending</td>
<td>35.4°</td>
<td>Right</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ALOS-2/PALSAR-2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Post-disaster</td>
<td>2016/7/1</td>
<td>SM1</td>
<td>HH</td>
<td>Descending</td>
<td>35.4°</td>
<td>Right</td>
</tr>
<tr>
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</tbody>
</table>
A blue part is the point that became bright in 2nd acquisition. A red part is the point where it became dark. #The seasonal change is included in this color change.

In this image, damage caused by the landslides was not confirmed.
It was not possible to confirm the damaged areas. Red color may be caused by the temporal changes of land uses. # White color may be caused by multiple scattering, such as a building. It is seen at the point where buildings crowd.