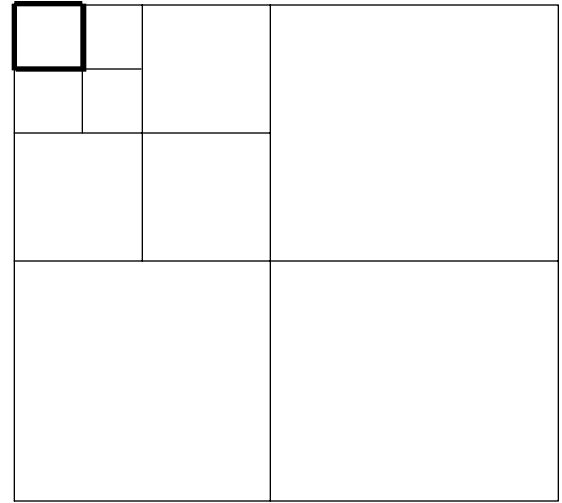level 3
256X256

Level
512X51

Level 1
1024X1024

2048X2048

RADARSAT-1 ScanSAR

Pixel size 100mX100m

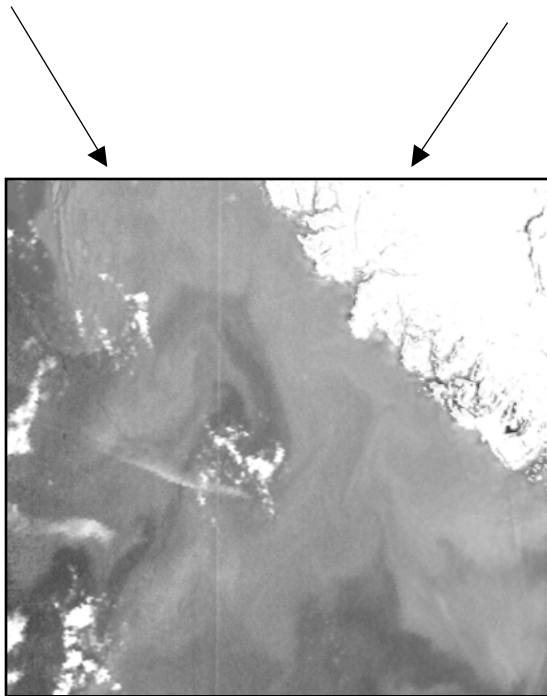2048X2048

NOAA-AVHRR

Re-sampled pixel size
100mX100m

Figure 2. *Conventional image fusion by using the wavelet transform. The NOAA-AVHRR image is resized from 256×256 pixels to 2048×2048 pixels using bilinear interpolation, and the pixel size from 800m by 800m to 100m by 100m.*

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