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COASTAL MONITORING FOR DISASTER MITIGATION COASTAL PROCESSES GROUP



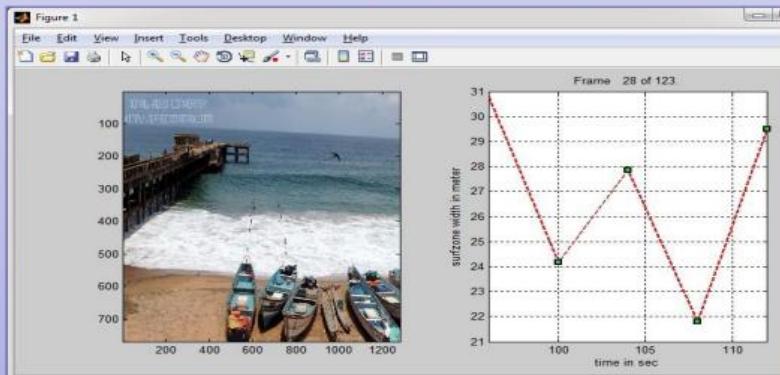
Video Imaging System for Coastal Monitoring

Valiathura beach near Shanghumuham in Thiruvananthapuram

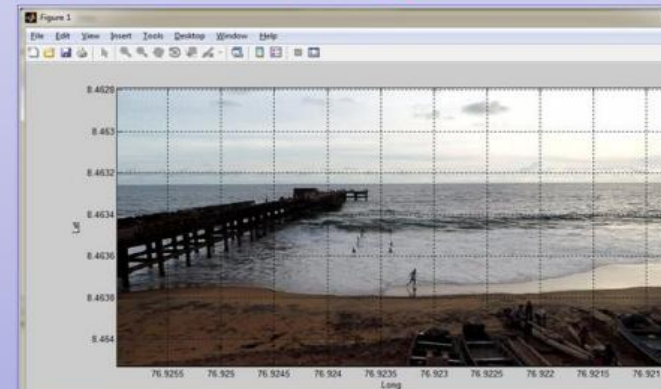


| No: | Month | Beach width from video image (m) | Measured beach width (m) |
|-----|---------------|----------------------------------|--------------------------|
| 1 | 23 March 2015 | 45 | 41 |
| 2 | 6 April 2015 | 56 | 53 |
| 3 | 11 May 2015 | 19 | 17 |
| 4 | 14 May 2015 | 38 | 35 |
| 5 | 22 May 2015 | 5 | 4 |
| 6 | 4 June 2015 | 28 | 26 |

Surfzone Width and Shoreline Delineation from Video Image

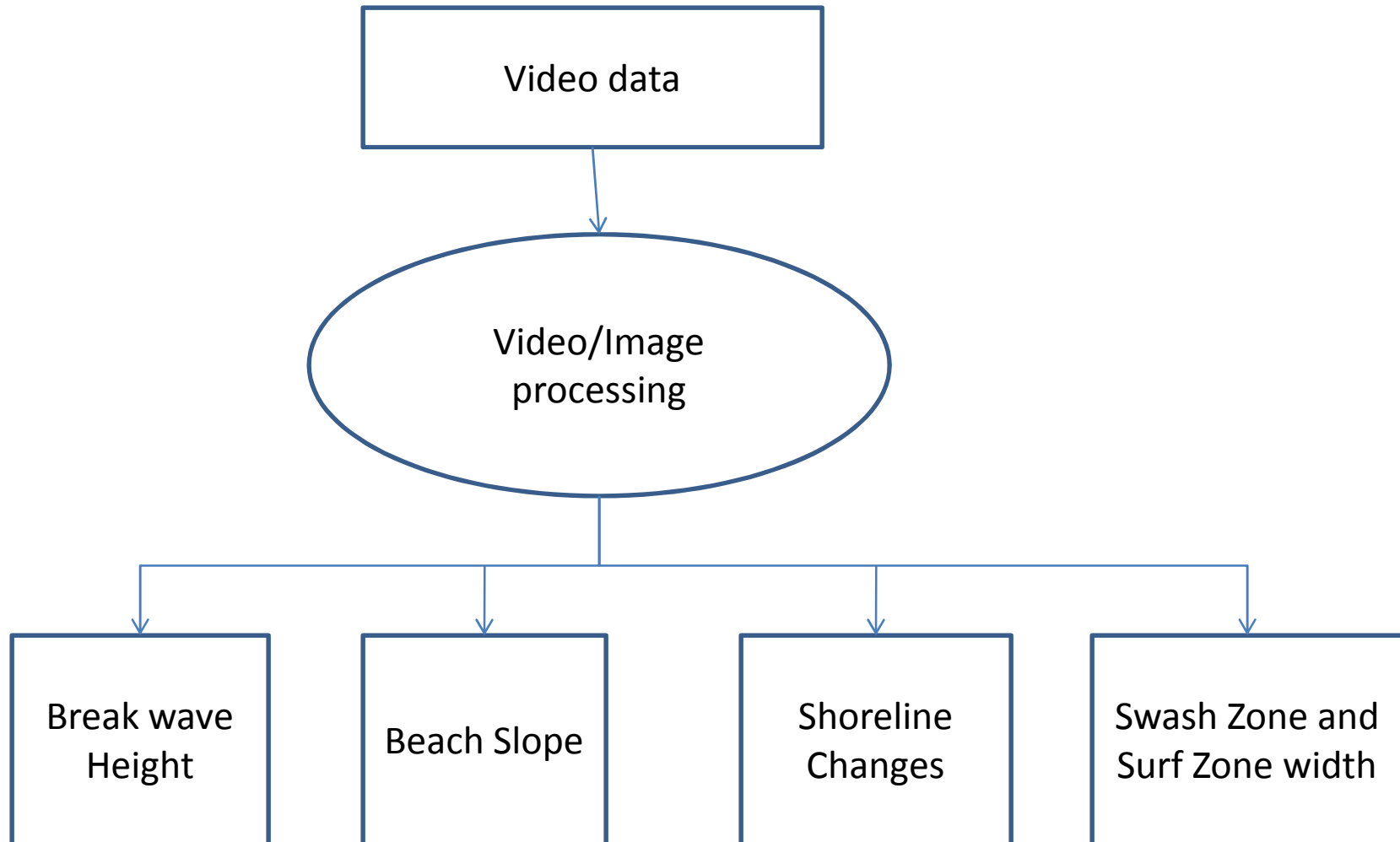


Output from MATLAB code developed for surfzone measurement



Output from MATLAB code developed for shoreline delineation

Methodology



Thank you