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**IV ZZOP**

**Niechorze 6-8.10.2010**

**MORPHOLOGICAL IMPACTS AND COASTAL RISKS INDUCED BY EXTREME STORM EVENTS**

# Wykorzystanie kamery do analiz zmienności brzegu

Paweł Andrzejewski

Kazimierz Furmańczyk

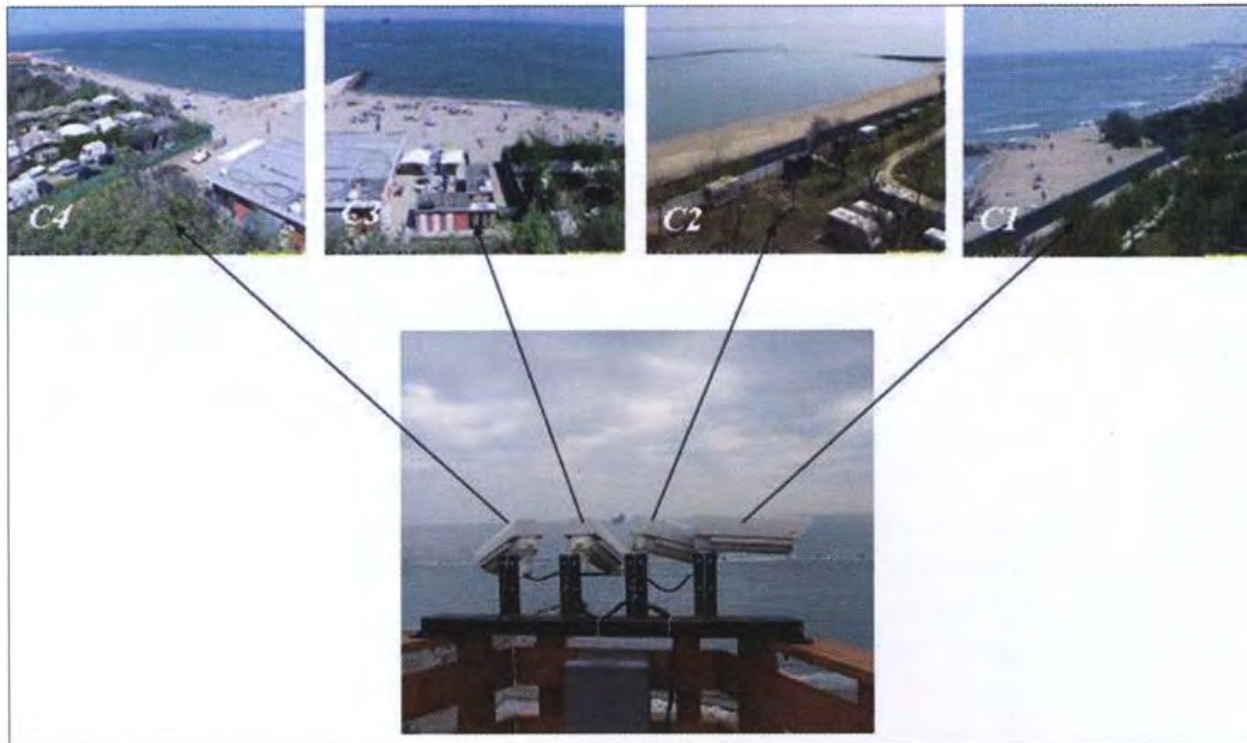




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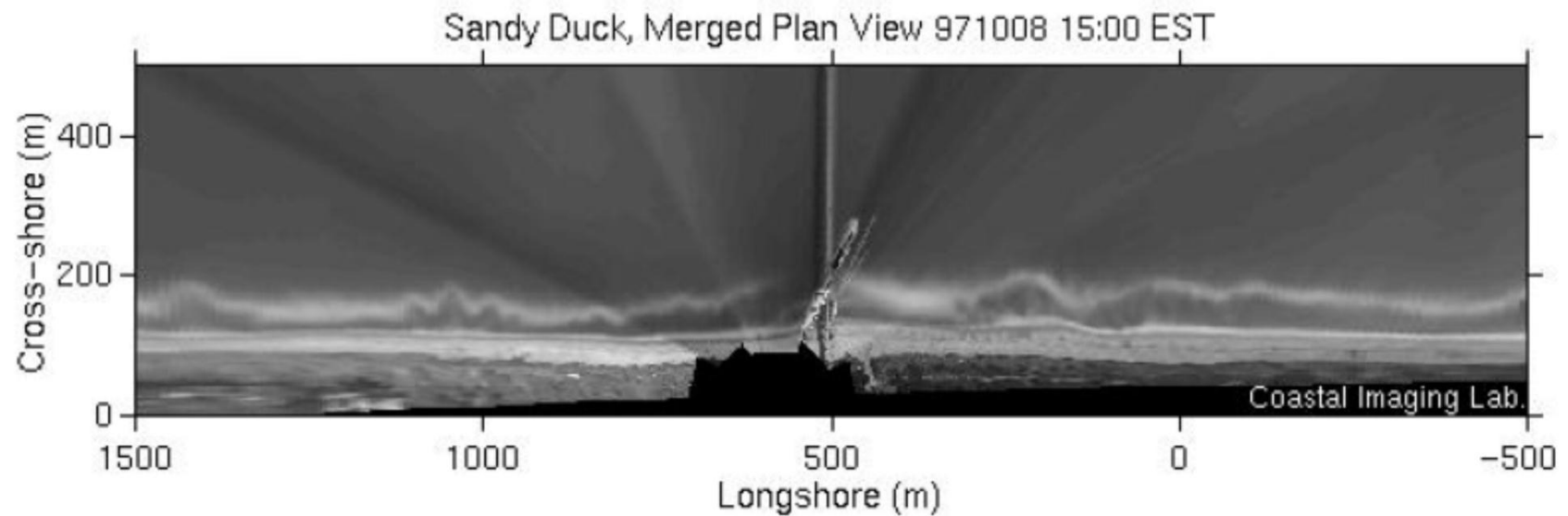




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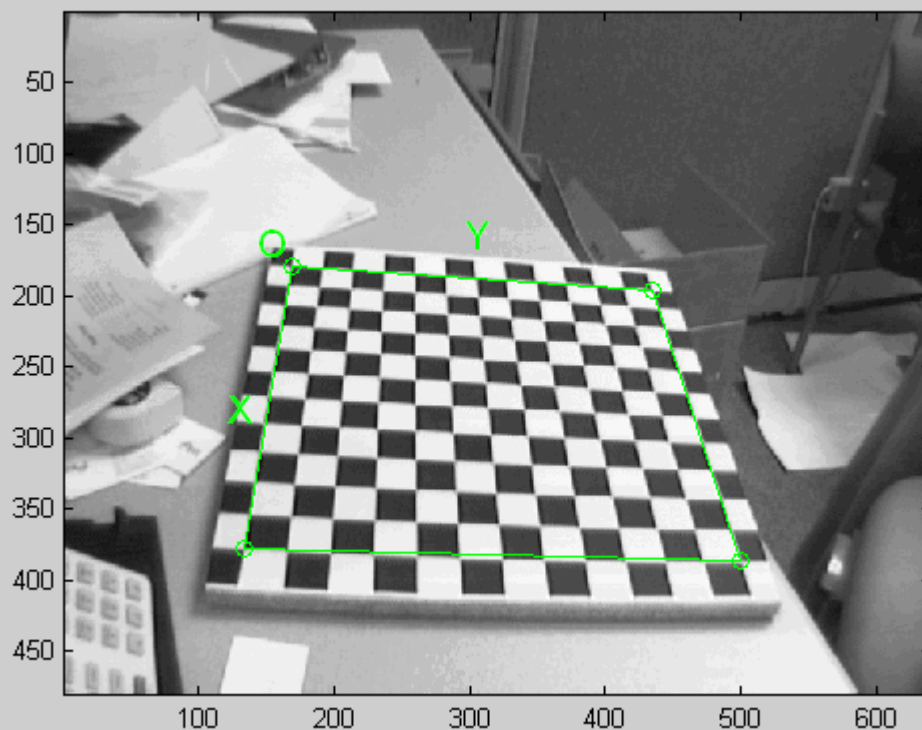


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Click on the four extreme corners of the rectangular pattern (first corner = origin)... Image 1



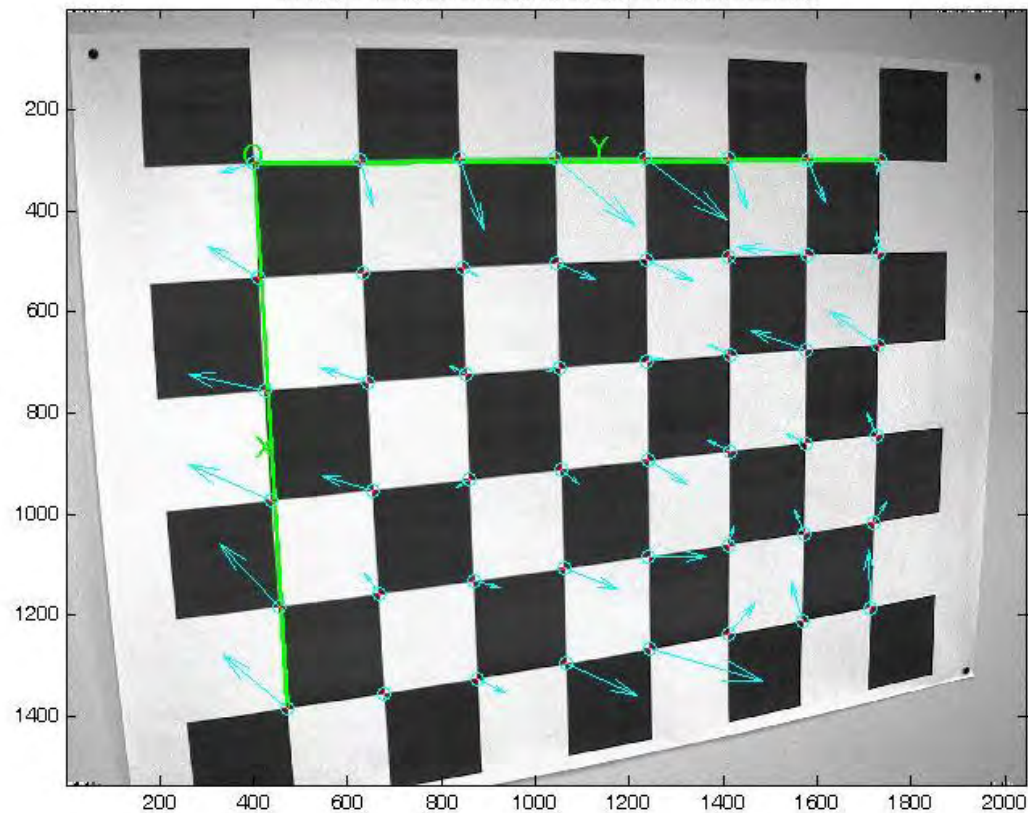


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Image 5 - Image points (+) and reprojected grid points (o)



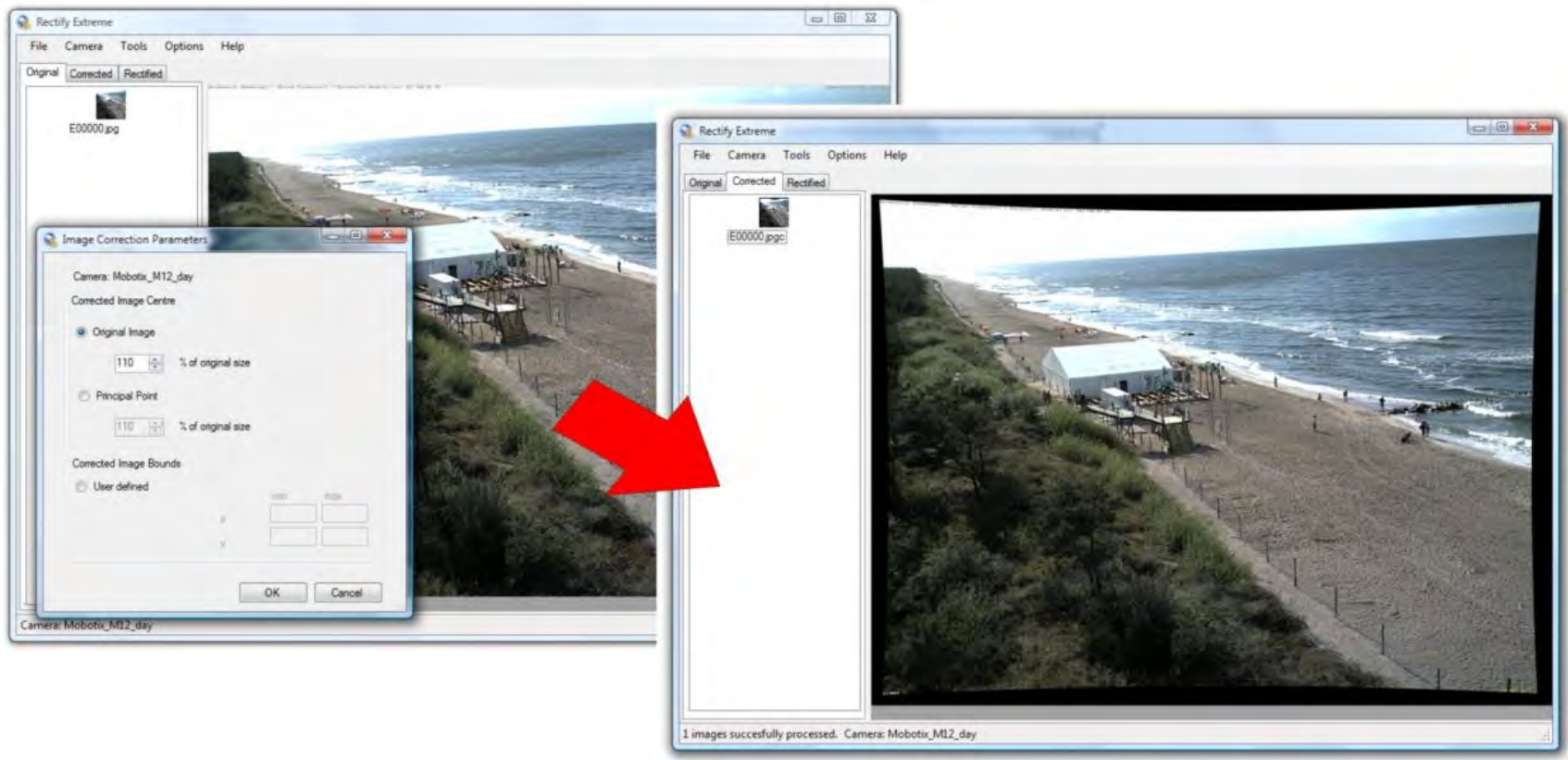




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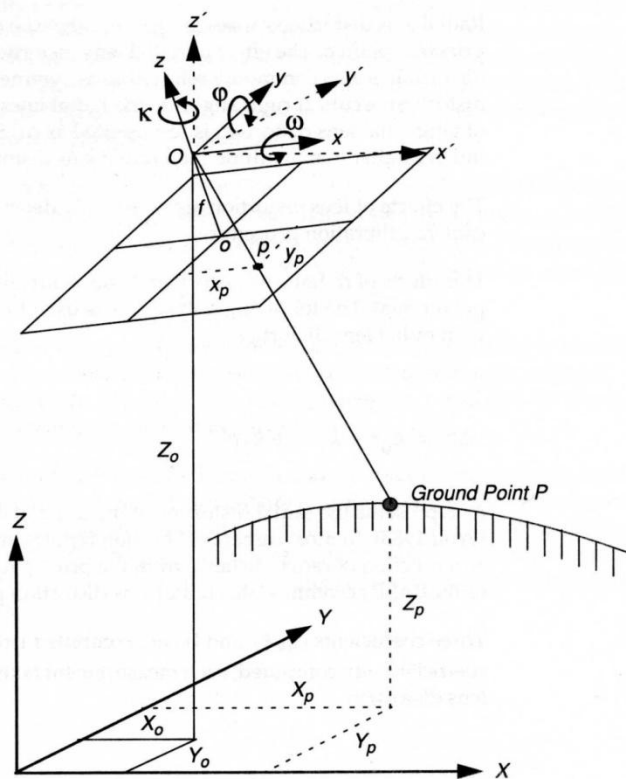




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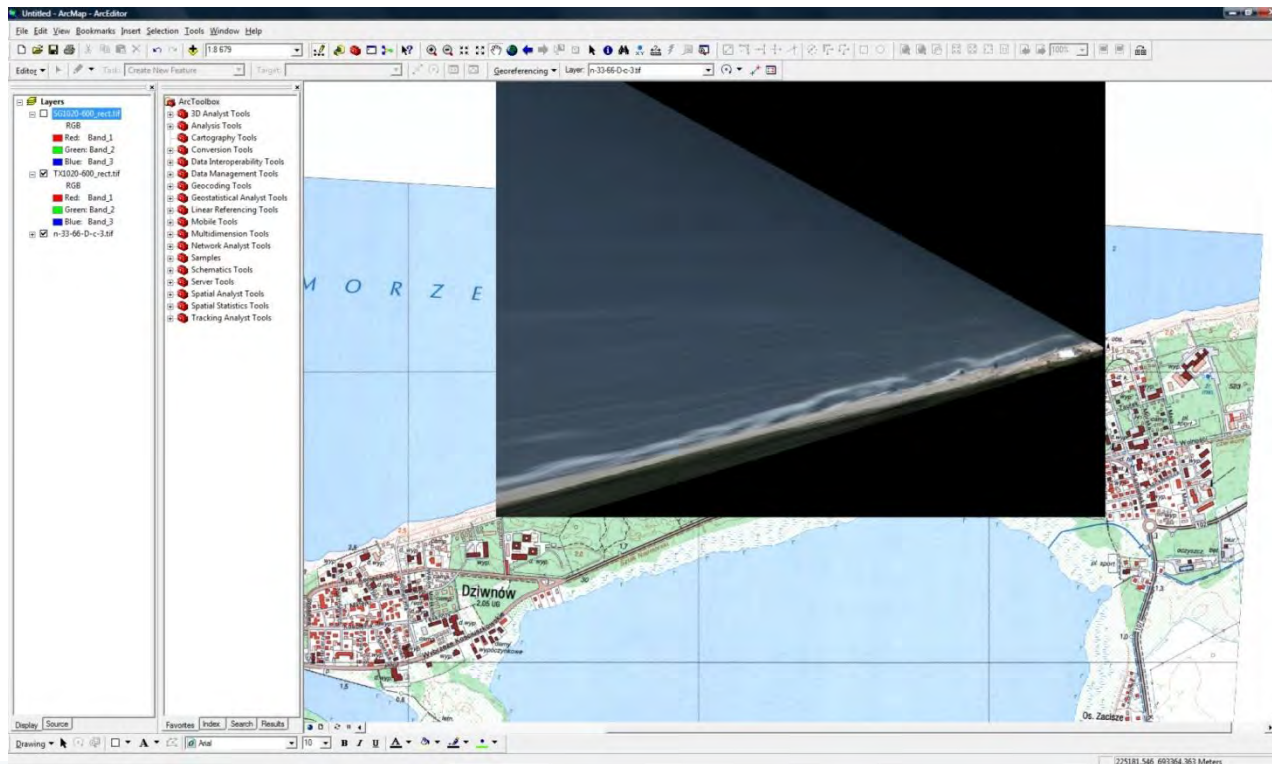




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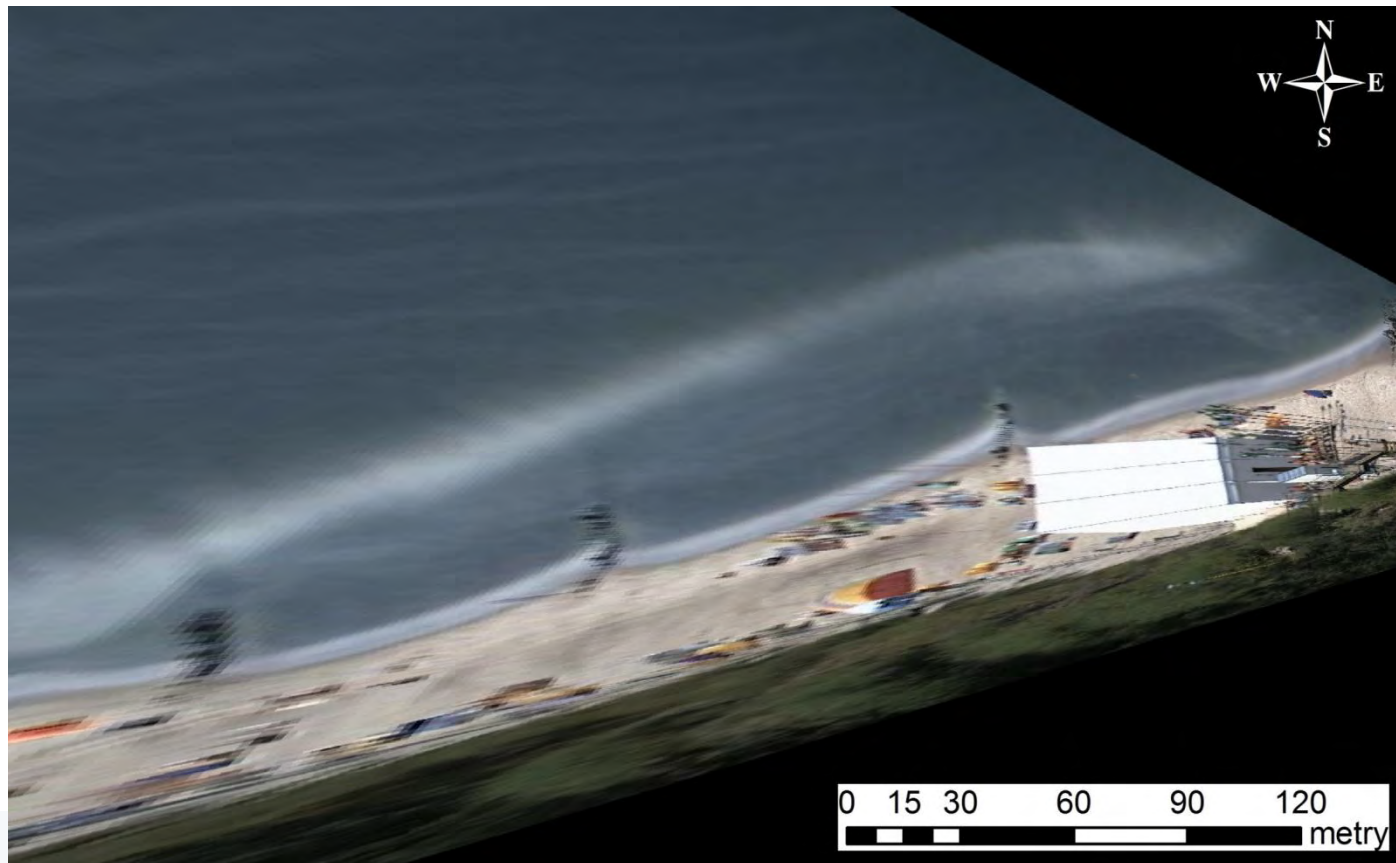




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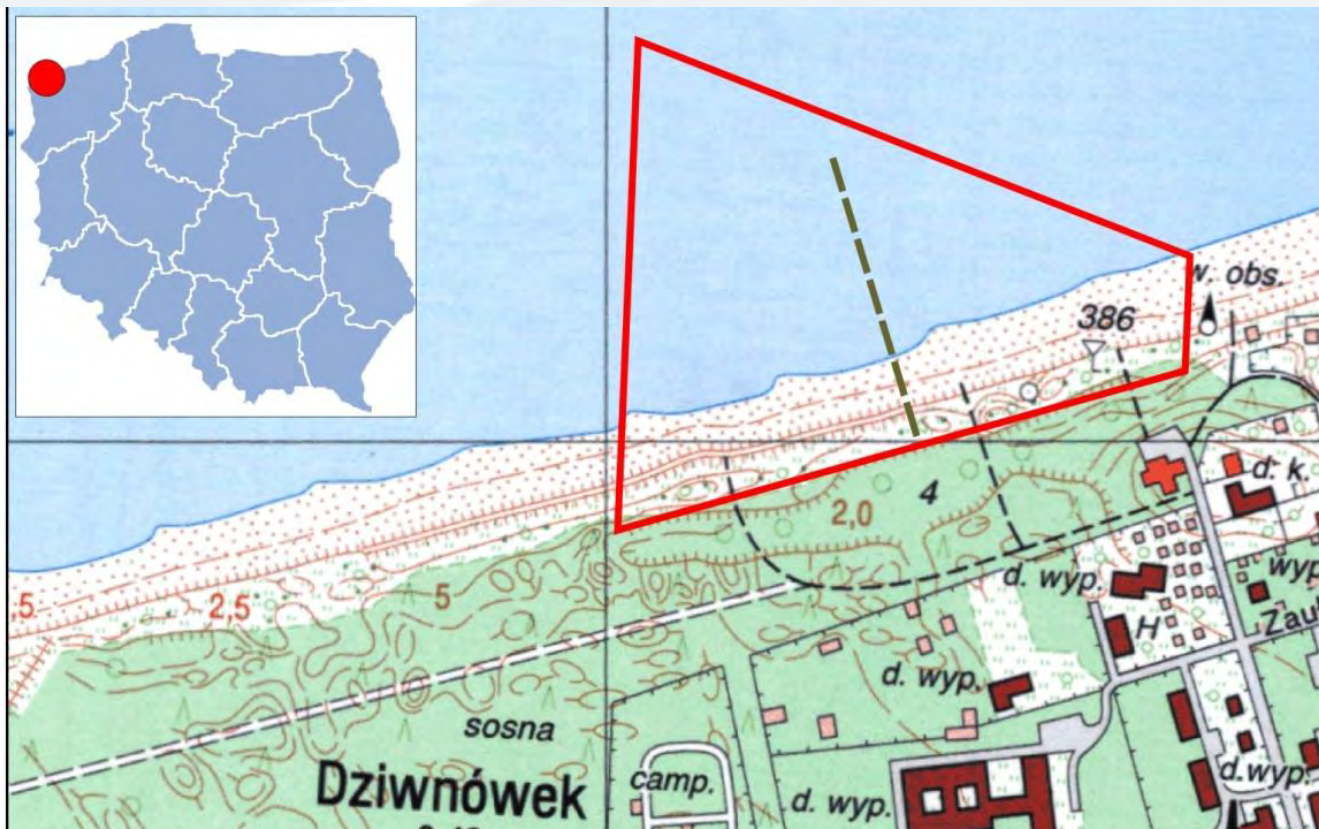




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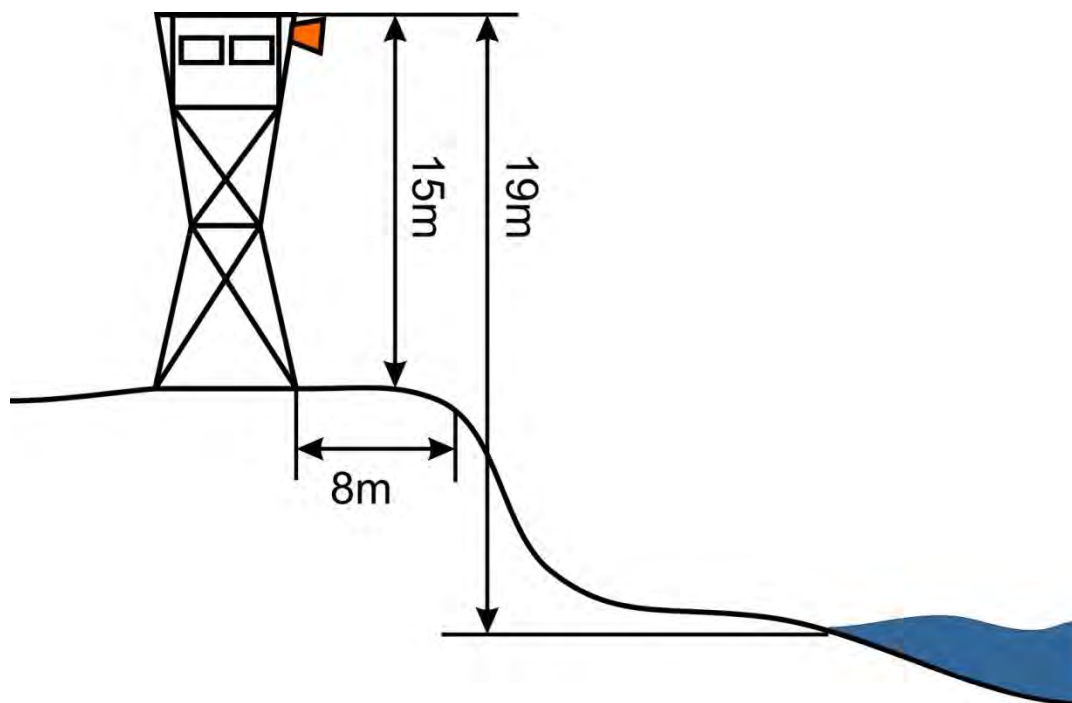




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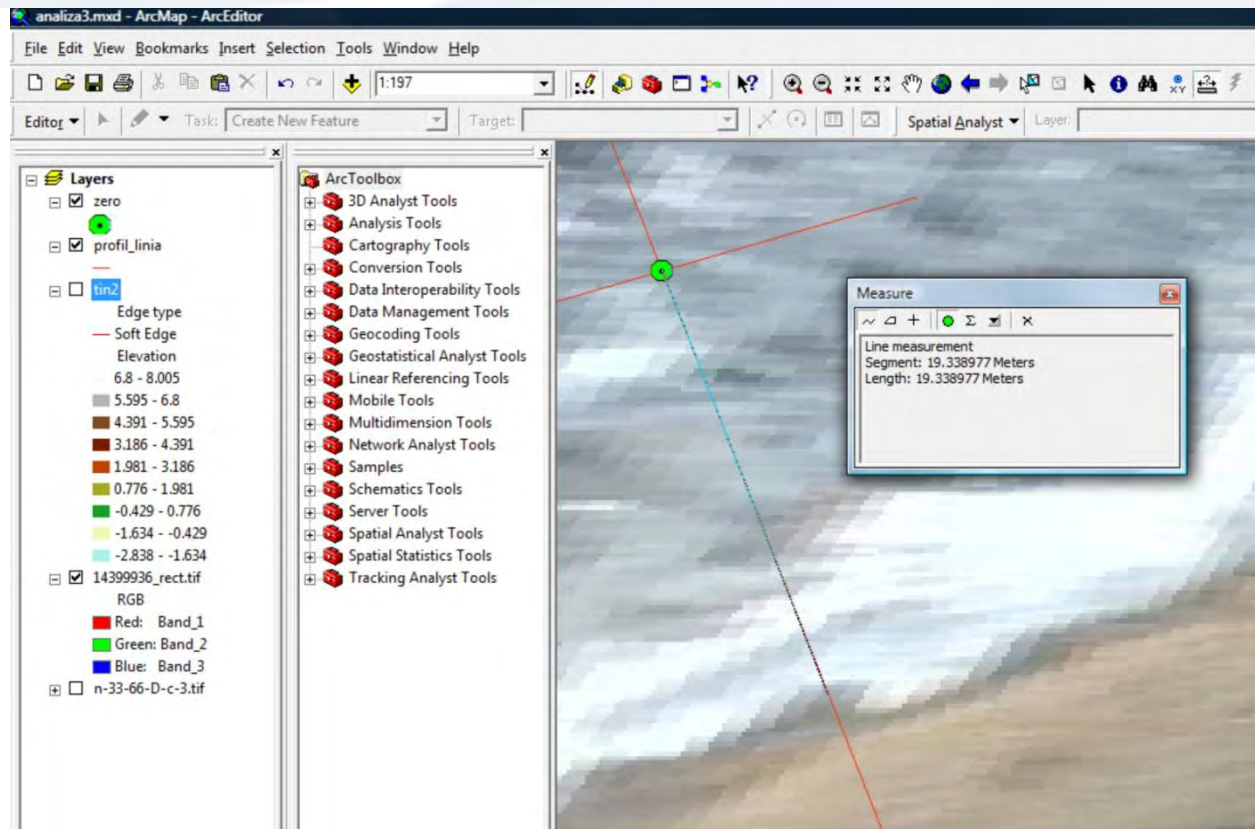




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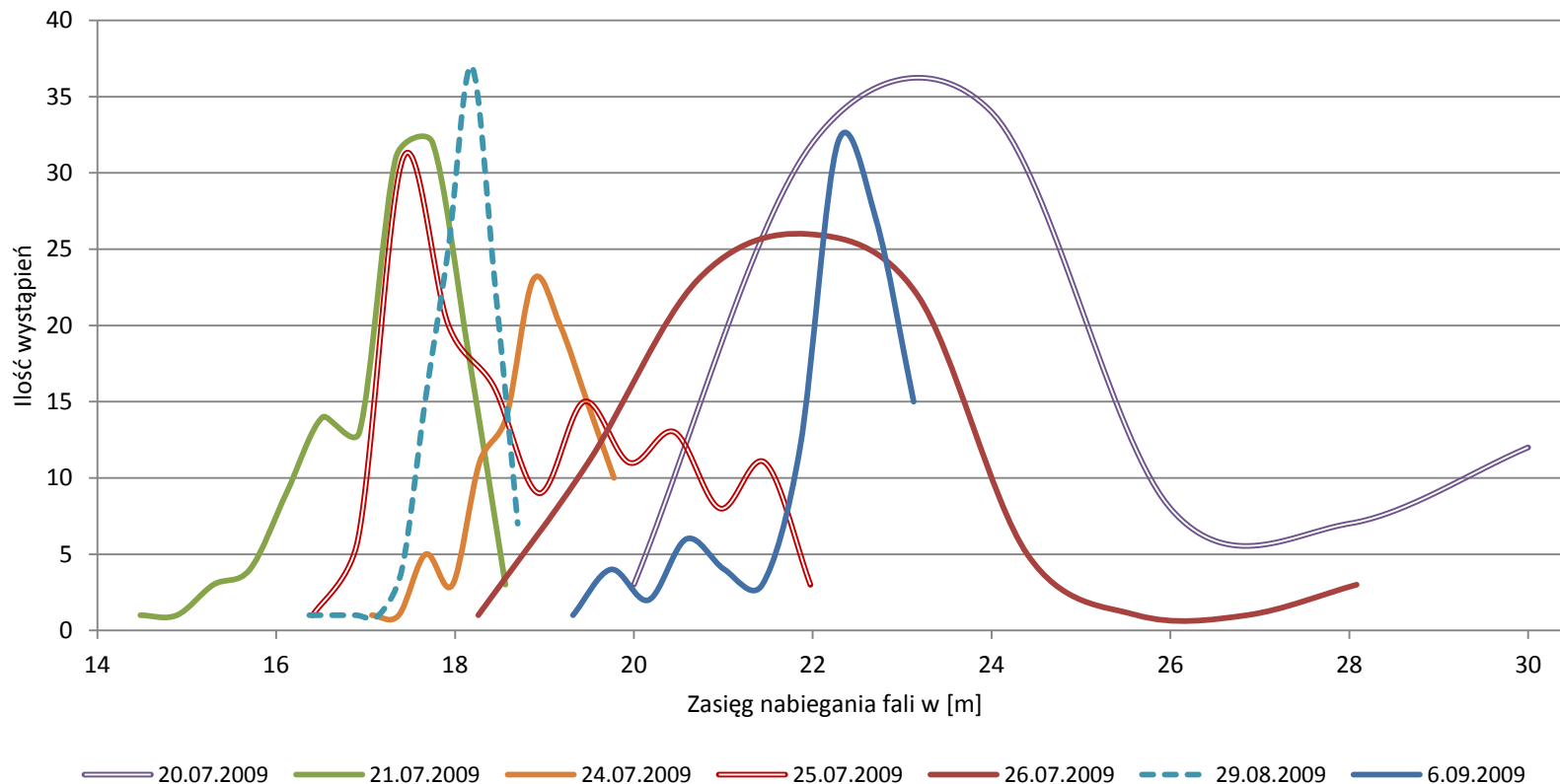


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Zasięg nabiegania fali na brzeg w poszczególnych dniach



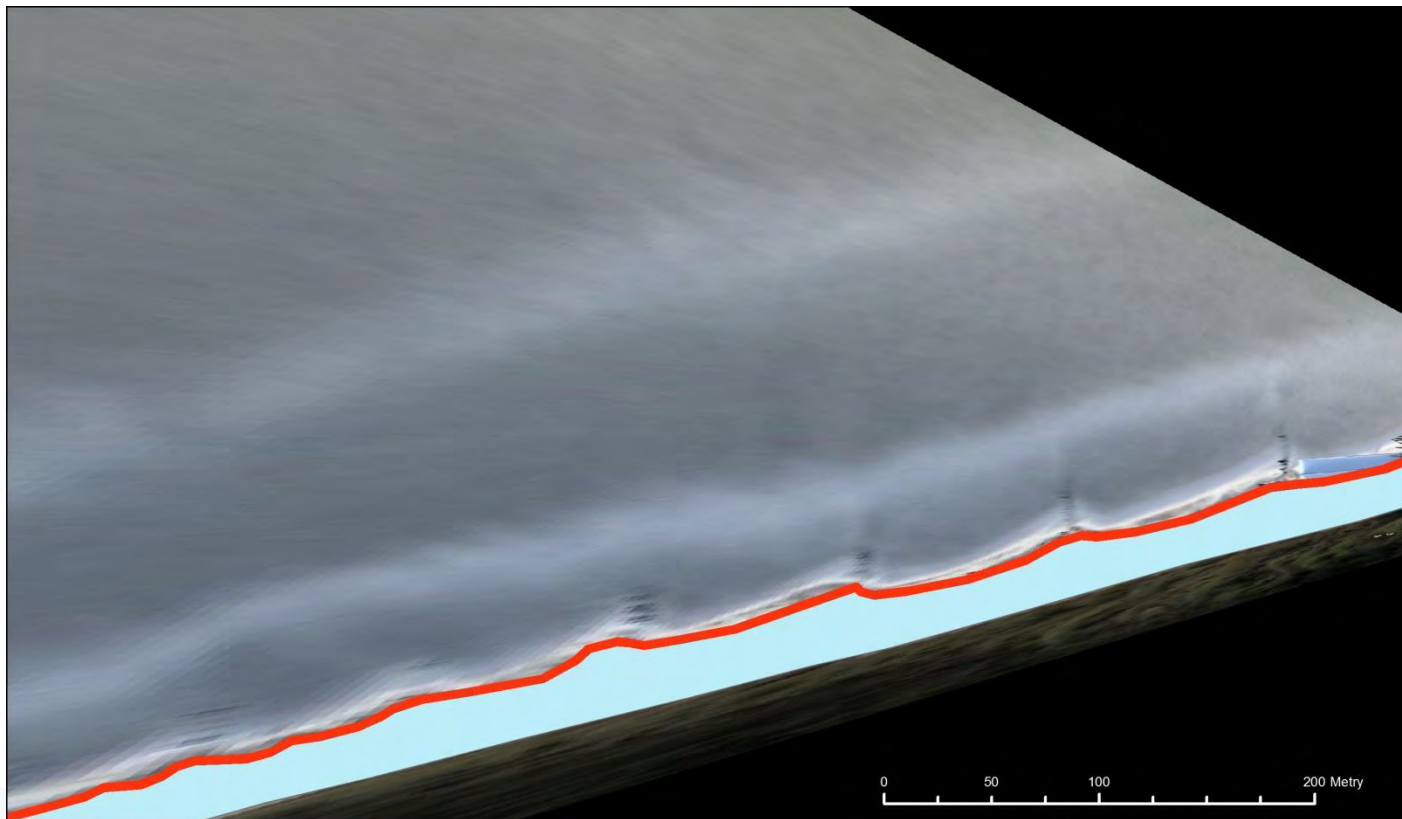




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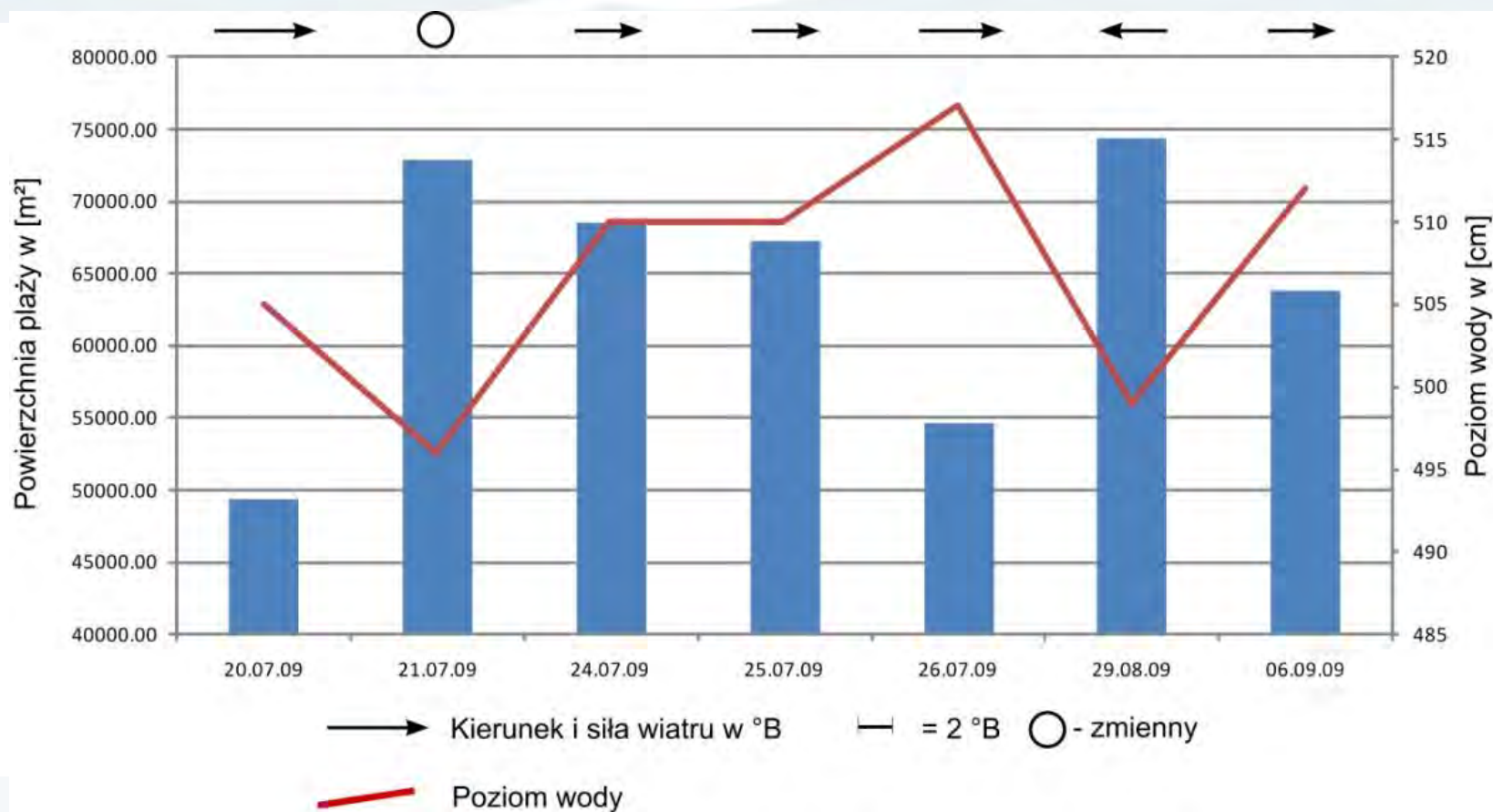




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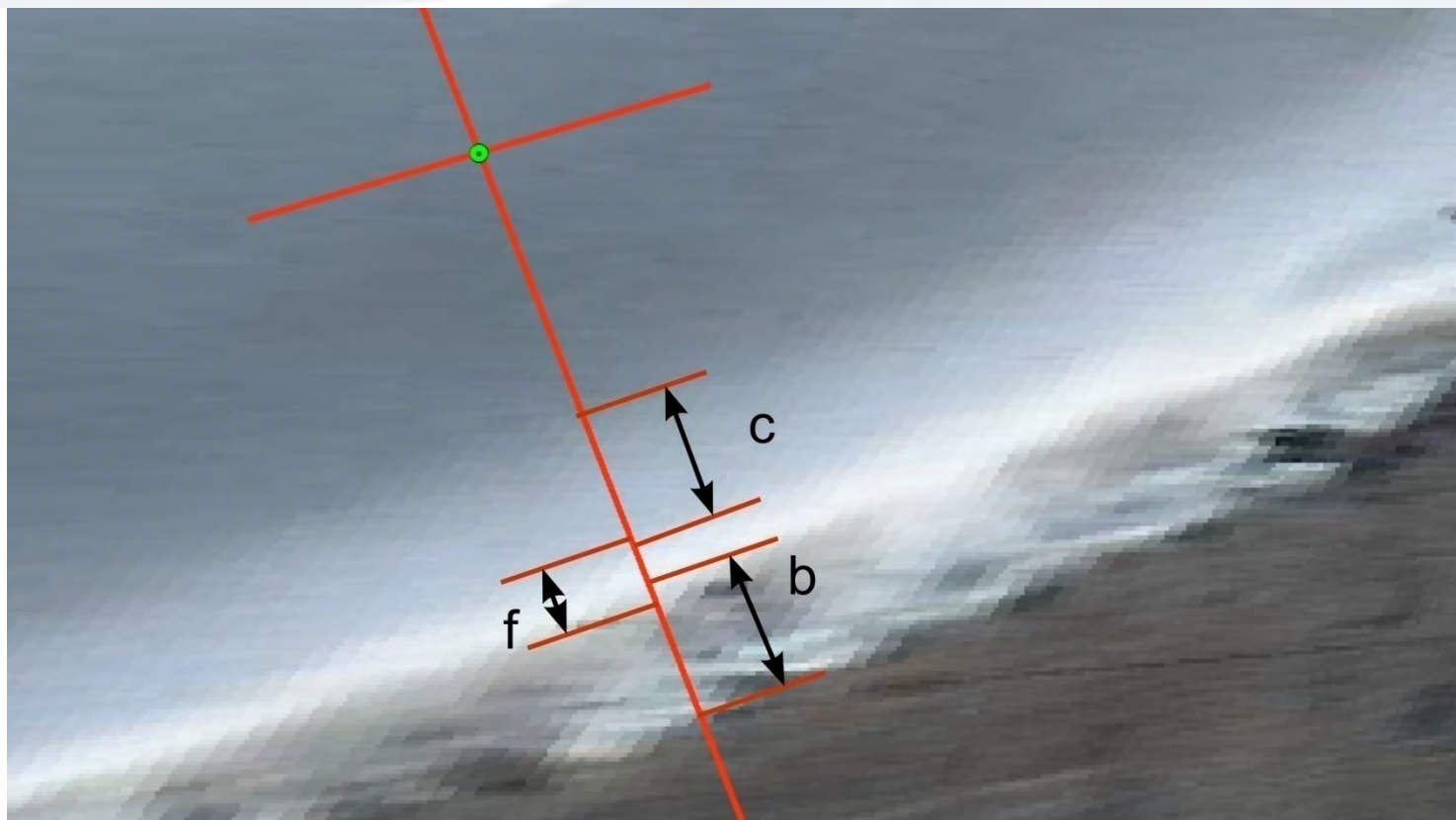




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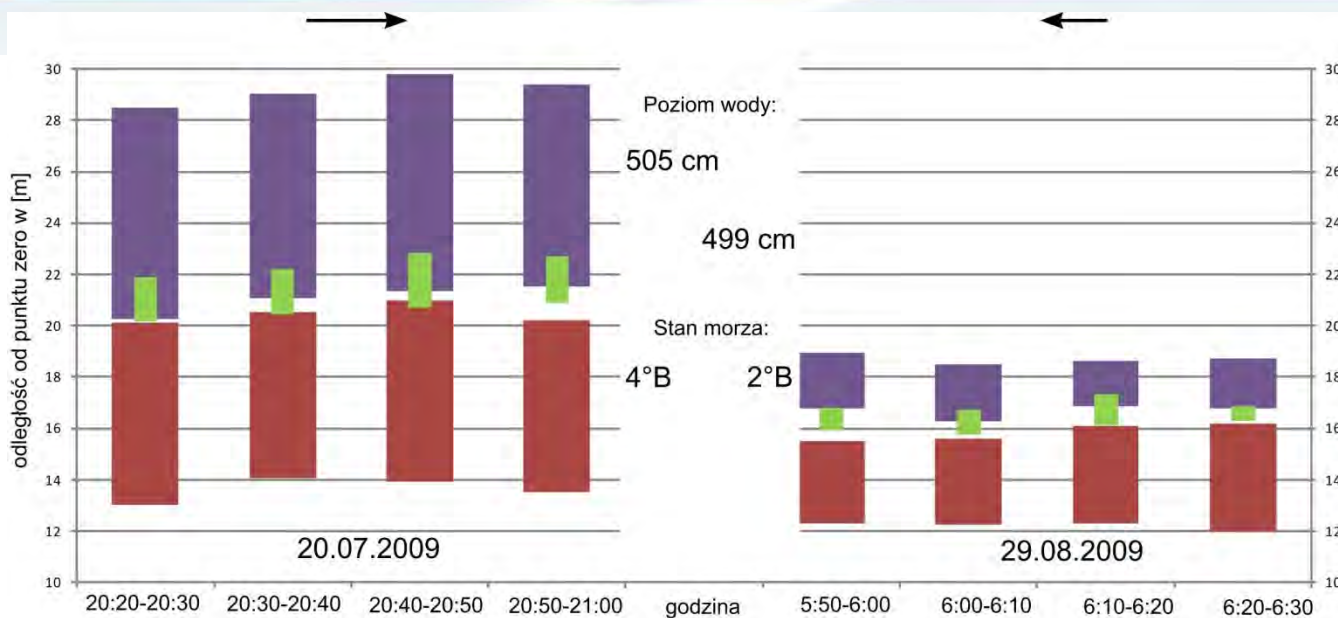




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→ Kierunek i siła wiatru w °B    ← = 2 °B

- Strefa wypłyenia
- Strefa ostatniego załamania fali
- Strefa nabiegania fali





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SZCZECIŃSKI

COOPERATION



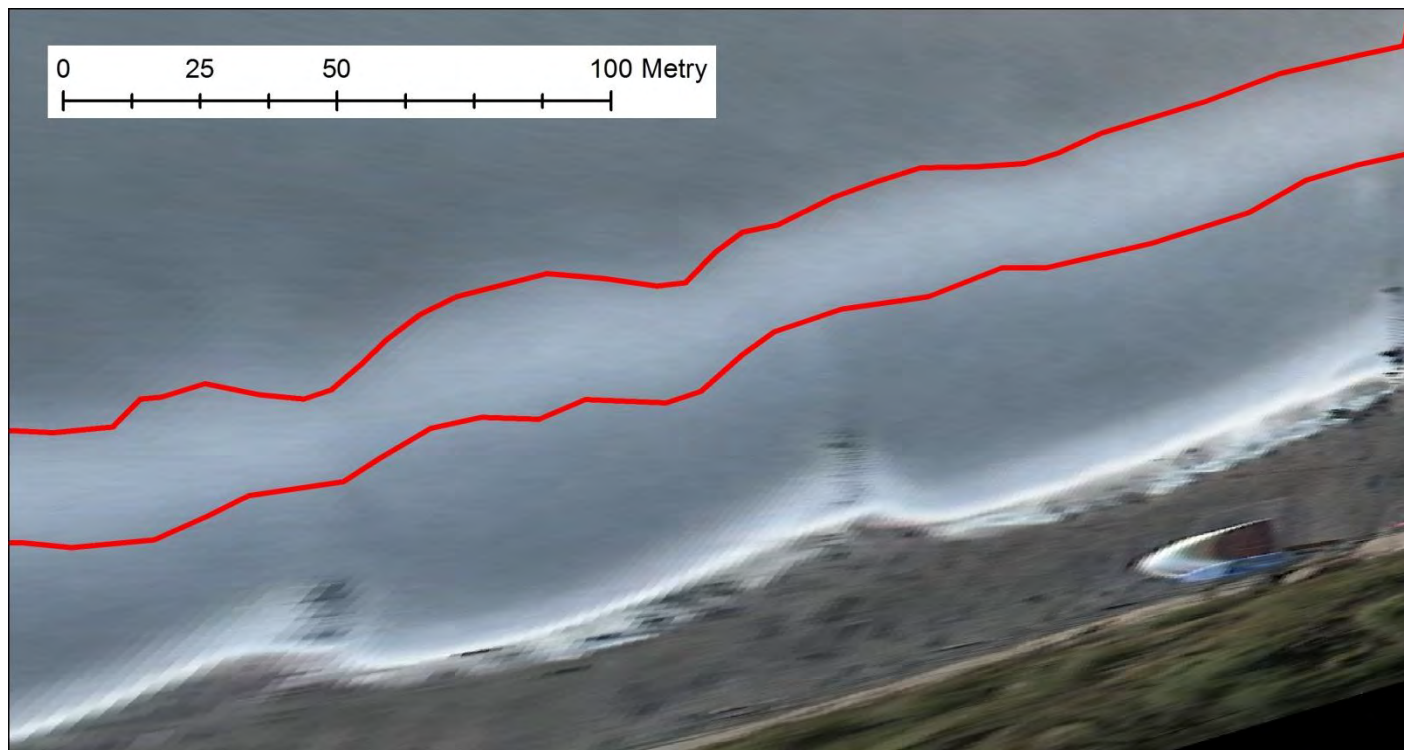




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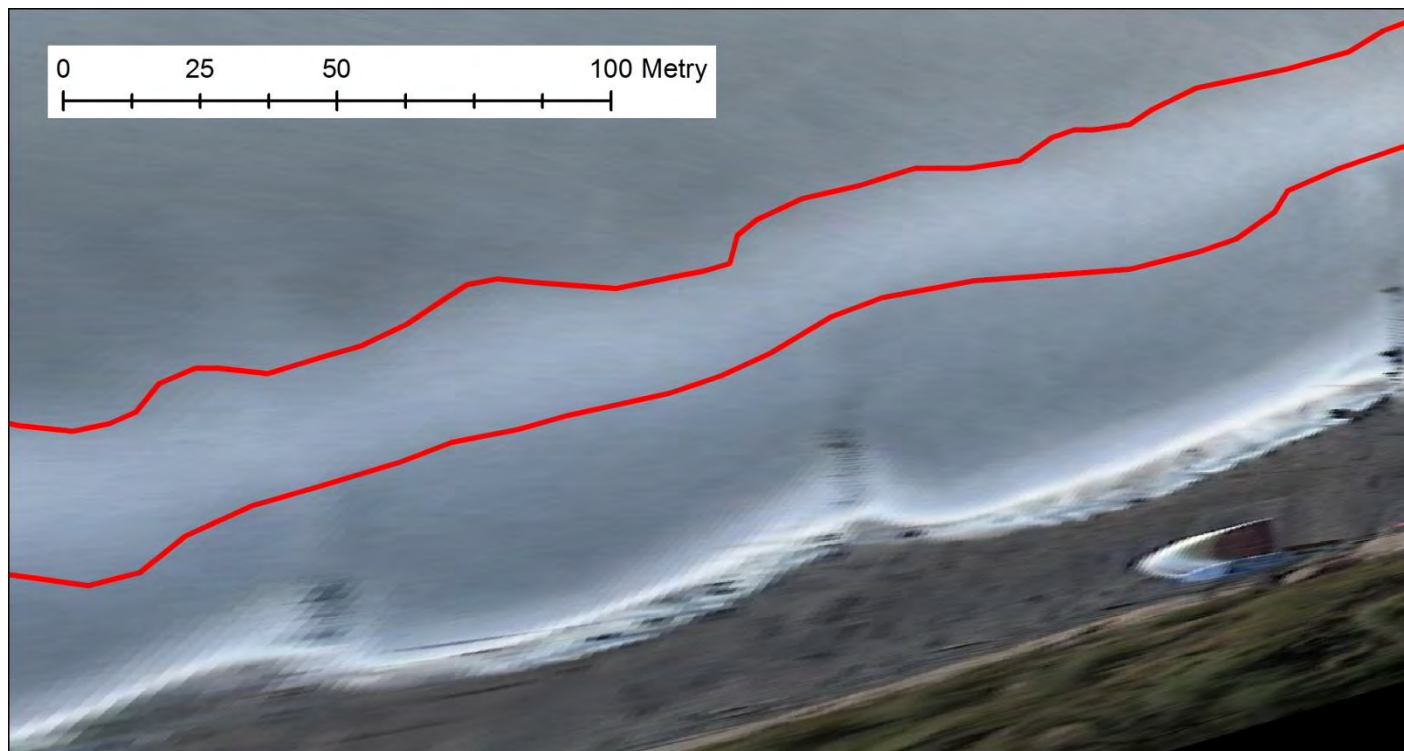




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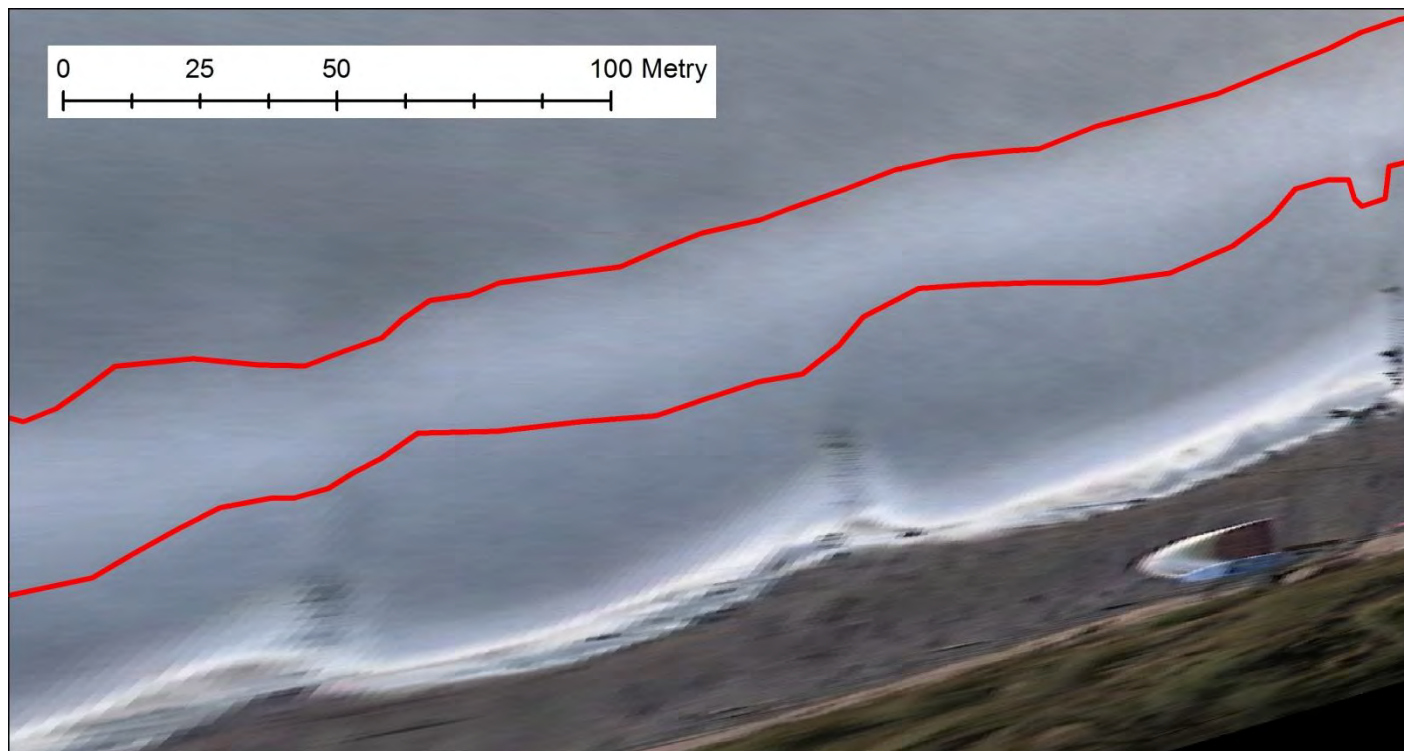




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