

Use case title:

## **Tidal analyses for Nacala Port**

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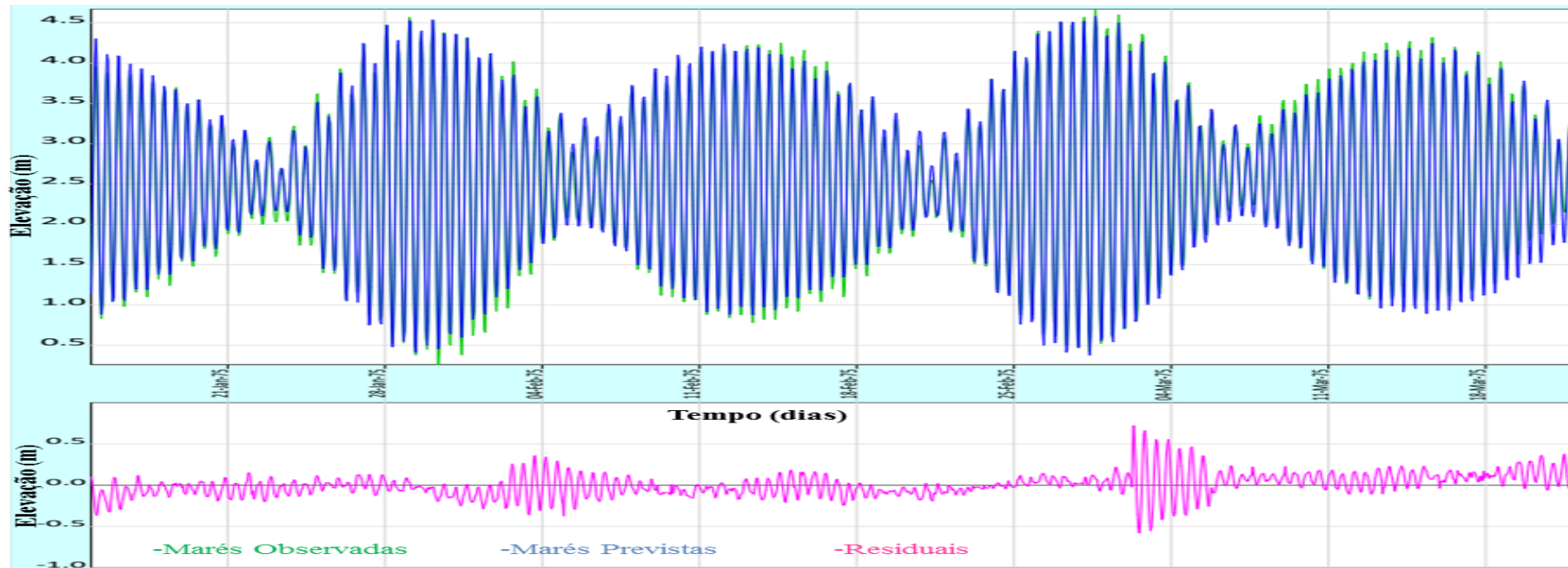
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## Introduction

The oceanographic phenomena that normally cause marked meteorological variations, both at the regional and global levels, are usually investigated, because the result of such phenomena influences people's daily lives and especially in productive activities (Sato, 2016) .

## Results



The tides of Nacala Port are semi-diurnal, where the time between two high tides or consecutive low seas is approximately 12 hours. For the values of elevation it was noticed that the maximum of the whole period under analysis was of 4,83 meters and was registered during the living tide. while the minimum value was 0.20 meters and was recorded at low tide of the live tide.