

# STEP-BY-STEP PROCESS

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## POPULATION PRE-ASSESSMENT – One time

1. Define your population using previous data (any time frame). Input your data in the “*Population data*” tab in the template provided in **S4**.
2. Calculate **TWSA** using the regression equations presented on Table 1 and **Equation 1**. Use the script on **S3** for the calculations.
3. Identify the **medTWSAind** and **medBWDind**.

## ARRIVALS PRIORIZATION – Daily

1. Calculate **PPP score** to prioritize daily arrivals: Input the “*Arrivals data*” in the template provided in **S4**.
2. Calculate **TWSA** as described for the **Population pre-assessment**, if not available already.
3. Use **Equation 2** (included in the script on **S3**) to calculate the **PPP score**.

## POPULATION PATTERNS – Retroactively

Calculate **Cumulative PPP score** on specific locations and/or vessel type by summing individual **PPP scores**.