

# Zonae Cogito: Calibration

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# Calibration Overview

## 1. Species Penalty Factor (SPF)

1. Make sure you are getting solutions where all targets are met
2. Set BLM to zero to do this

## 2. Boundary Layer Modifier (BLM)

1. Get a compact result
2. Do after SPF is set

# How to calibrate in ZC

1. Use Marxan | Calibration tool
2. Set parameters to get 5 or 6 results over a range of values
3. Text Table | Graph Table
4. Select “optimal” value

# SPF Calibration

1. Set BLM to 0
2. Choose range from 1 to 5 to start
3. Choose 5 values
4. Run calibration
5. Text Table | Graph Table  
(y – Missing Values, x – SPF)
6. Pick value close to origin
7. Set all species SPF to this value



# BLM Calibration

1. Choose range from 0 to 5 to start
2. Choose 5 values
3. Run calibration
4. Text Table | Graph Table  
(y – Boundary Length, x – Cost)
5. Unselect Minimum Zero
6. Pick point close to origin
7. Set BLM to this value

