Table X: Summary of environmental and geographic parameters of the Bodden lagoons within the study area of this work. DZB: Darß-Zingst Bodden chain; WRB: Western Rügen Bodden chain; NRB: Northern Rügen Bodden chain; S: Strelasund; GB: Greifswalder Bodden; P: Peenestrom (including Achterwasser)

| **Parameter** | **Western DZB** | **Eastern DZB** | **WRB** | **NRB** | **S** | **GB** | **P** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Area (km2)** | 213.2 | 59.8 | 231 | 159.4 | 47.6 | 540.1 | 181.9 |
| **Mean depth (m)** | 2.0 | 2.0 | 1.8 | 3.5 | 3.9 | 5.8 | 2.6 |
| **Max depth (m)** | 16.5 | 16.5 | 7.6 | 10.3 | 16.0 | 13.5 | 16.0 |
| **Catchment area (km2)** | 1,578 | 1,578 | NA | 312 | 238 | 665 | 5,772 |
| **Water temperature (°C)** | 11.6 ± 6.6 | 11.5 ± 6.6 | 11.6 ± 6.7 | 12.4 ± 6.5 | 11.9 ± 7 | 11.7 ± 6.8 | 11.9 ± 6.7 |
| **Salinity (PSU)** | 5.4 ± 1.8 | 8.3 ± 1.6 | 8.7 ± 1.1 | 7.8 ± 1.6 | 7.8 ± 1.1 | 7.2 ± 0.9 | 3.2 ± 2.1 |
| **Secchi depth (m)** | 0.4 ± 0.3 | 1 ± 0.8 | 1.9 ± 0.8 | 1.2 ± 0.8 | 1.4 ± 0.6 | 1.7 ± 0.8 | 0.7 ± 0.5 |
| **Total phosphorus (µg/l)** | 97.4 ± 28.8 | 55.9 ± 23.1 | 40 ± 19.6 | 64.2 ± 39.1 | 49.1 ± 18.7 | 45.8 ± 21.1 | 98.3 ± 58.1 |
| **Chlorophyll a (mg/m3)** | 83.2 ± 46.3 | 27.7 ± 19.6 | 7.9 ± 6.9 | 34.6 ± 37.6 | 15 ± 9.1 | 14.6 ± 13.6 | 63.6 ± 48.1 |