# **Job title:** Statistician (Rank 6) / Senior Statistician (Rank 7)

|  |  |  |
| --- | --- | --- |
| **Knowledge and experience** | Essential | Desirable |
| Extensive knowledge on at least one of the following topics: extreme value theory, multivariate analysis, time series model, spatiotemporal processes | X |  |
| Familiar with the key literature related to the extreme value analysis for environmental processes and aware of current academic research |  | X |
| Proficient in R or Python programming in Windows or Linux environment and practical experience with common IDEs e.g. RStudio, VS Code, etc. | X |  |
| Experience of R / Python package development and simple web-based deployment such as Shiny, Flask and Django |  | X |
| Knowledge or practical experience in statistical models for environmental variables such as rainfall, river flow, waves, wind, sea level, etc. |  | X |
| Experience of academic publication with peer-reviewed journals |  | X |

|  |  |  |
| --- | --- | --- |
| **Personal attributes/behaviours** | Essential | Desirable |
| Able to present complex statistical concepts to non-specialists | X |  |
| Excellent critical thinking and problem solving skills | X |  |
| Excellent written and verbal communication skills | X |  |

|  |  |  |
| --- | --- | --- |
| **Qualifications and skills** | Essential | Desirable |
| Undergraduate or master degree in mathematics, statistics or equivalent | X |  |
| PhD degree and/or equivalent practical experience in statistical modelling or other topics with a significant proportion of statistical modelling | X |  |

|  |  |  |
| --- | --- | --- |
| **Circumstances** | Essential | Desirable |
| Hybrid working (40% office, 60% working from home) subject to company’s future arrangement | X |  |