# **Job Description**

# **Job title: Senior Engineer or Scientist – Physical Modelling**

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| Purpose | |
| Client focus | Maintain strong client relationships in areas that match our business plan and strategic goals. |
| Technical excellence | To support and consolidate the technical excellence in physical modelling in the Engineering Group and uphold the standard and quality of work that HR Wallingford is recognised for worldwide. |
| Leadership | Support the growth of HR Wallingford’s physical modelling capabilities in the coastal and maritime engineering sectors . |
| Project delivery | Support the successful technical completion of projects to the required timescale. |
| Bidding | Prepare well-structured and commercially attractive proposal documents. |
| Team building | Support the engineering team with the training, development and retention of staff. |

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| Main duties | | |
| Project delivery | Act as Project Manager with responsibility for the successful delivery of projects.  Act to ensure technical quality in physical modelling for the successful delivery of projects. | |
| Technical excellence | Develop own technical expertise through project work and company research, including internal and external dissemination as appropriate to achieve an agreed level of utilisation across externally and internally funded projects. | |
| Research & innovation | Support delivery and dissemination of research projects and technical excellence within the Engineering Group.  Apply innovative techniques to support ongoing sustainability within the engineering group and across the company. | |
| Bidding | Support technical business development and participate in the preparation of bid documents. | |
| Staff development | Support learning and development (e.g. mentoring) to enable staff to progress both their technical expertise and their professional development.  Plan and facilitate physical modelling skills acquisition amongst relevant technical staff to enable sustainable delivery of projects. | |
| Click here to enter text. | | |
| Group | | Engineering |
| Reports to | | Florine Marias |
| Responsible for | |  |
| Date agreed | | June 2025 |