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**SELECTION CRITERIA**

Use this form to define the selection criteria for an academic position at the University of Adelaide.

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| **POSITION DETAILS** |  |
| **School/Branch:** | School of Biological Sciences |
| **Classification** | Level A – Research Only |

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| **ESSENTIAL MINIMUM CRITERIA** |
| 1. A PhD in a relevant discipline and extensive research experience in the area of remote sensing and vegetation ecology. 2. Sound knowledge and understanding of remote sensing, application of statistics/machine learning, and programming analyses. 3. Demonstrated ability to conduct independent research in the remote sensing of vegetation, including leading research and overseeing postgraduate and honours students where applicable. 4. Strong interpersonal skills and highly developed spoken and written language skills with the ability to communicate scientific information across a variety of project stakeholders. 5. High level organisational skills, including the ability to prioritise and manage workload within a busy environment to meet competing deadlines. 6. Track record of quality publications (or preprints) relative to opportunity and evidence of being involved in professional activities related to research. |

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| **DESIRED CHARACTERISTICS** |
| 1. International applicants are eligible to apply but due to the timeline of the project, preference will be given to candidates who have current working rights within Australia. 2. Ability to produce reproducible research using version control. 3. Experience in developing data processing pipelines in Python/R/Julia, in a Linux operating system. 4. Experienced in analyses using UAV, LiDAR and/or Hyperspectral data. |