**Technology Review and Plan**

Artificial Intelligence (AI) is increasingly playing a role in the development, conduct, interpretation, and communication of research. The rapid evolution of generative AI (Gen AI) tools has expanded the capabilities available to HDR candidates, enabling support across literature review, data analysis, simulation, writing, and communication tasks.

While AI is increasingly used by HDR candidates, its use must be **appropriate, ethical, and transparent**. ECU’s *Guideline for the Responsible Use of Generative Artificial Intelligence in Research* outlines the need for mutual understanding between candidates and supervisors on the use of AI in their research.

This form helps HDR candidates to:

* Identify current and planned AI tools used in their research;
* Reflect on appropriate and ethical use;
* Plan for appropriate acknowledgement of AI contributions.

Please complete this form in consultation with your Principal Supervisor, considering your entire research journey—from planning and analysis to communication. Include both research-specific and general uses of AI (e.g., drafting emails or summarising literature).

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| **AI Use in Research** |
| **1** | Which AI tools (including Gen AI) are you using or plan to use in your research?Tap here to enter text. |
| **2** | How are or will you anticipate using these tools (e.g., literature review, data analysis, writing support)?Tap here to enter text. |
| **3** | Have you encountered any challenges or limitations in using AI tools so far (if you have already been using them)?Tap here to enter text. |
| 4 | What benefits do you expect from using AI tools in your research?Tap here to enter text. |
| 5 | What potential issues might there be in the use of AI in your research and learning (e.g., critical thinking, communication) and how will you ensure these are not compromised?Tap here to enter text. |
| 6 | How will you ensure AI use maintains research integrity, including the accuracy and validity of outcomes?Tap here to enter text. |
| 7 | How will you acknowledge AI use in your research outputs (e.g., thesis, publications)?Tap here to enter text. |
| 8 | How will you clearly outline your contribution and development of learning in your thesis?Tap here to enter text. |
| 9 | Do you require additional resources or support regarding AI tool use?Tap here to enter text. |
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| Tap here to enter name. |  | Select a date. |
| **CANDIDATE NAME** | CANDIDATE SIGNATURE | DATE |