



## Senior Analyst

<b>Department/Unit</b>	ClimateWorks Australia
<b>Faculty/Division</b>	Monash Sustainable Development Institute
<b>Classification</b>	HEW Level 8
<b>Work location</b>	41 Exhibition St, Melbourne
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### Organisational context

There's a certain feeling you get from working at Monash University. It's the feeling that you're a part of something special. Something significant. So if you're looking for the next chapter in your career, it's here. You'll be given the opportunity to challenge yourself, build on your skills, and make a significant contribution to a workplace that's filled with energetic and inspiring people. Talent thrives here - and so do truly satisfying careers. Discover more at [www.monash.edu](http://www.monash.edu)

**ClimateWorks** is an expert, independent adviser, acting as a bridge between research and action to enable new approaches and solutions that enable end to end solutions to climate change and accelerate the transition to net zero emissions by 2050. Our collaborative approach to solutions that will deliver the greatest impact encompasses a thorough understanding of the constraints of governments and the practical needs of business. We do this by looking for innovative opportunities to reduce greenhouse gas emissions, analysing their potential, resolving obstacles and helping to facilitate conditions for our transition to a prosperous, net zero emissions future by 2050.

We now seek to support similar work in the Pacific and South East Asia through our 'Pathways to Prosperity' program, to support up to 10 developing countries across Southeast Asia and the Pacific Islands to develop and implement long-term net zero emissions development pathways. Developed by ClimateWorks Australia and delivered through a partnership approach, the program will strengthen the capacity of key stakeholders in the public, private, civil society and research sectors to develop and implement long term, lowest emissions development strategies and sectoral transformation roadmaps. Using a participatory program design, P2P will seek to improve strategic access to climate finance and provide a framework to identify and address capacity and policy gaps, as well as the tradeoffs and co benefits for achieving the SDGs.

### Position purpose

The Senior Specialist applies high-level expertise to provide a range of analytical and technical skills to support the delivery of ClimateWorks International Program. The position is highly collaborative, and works directly with a diverse range of stakeholders to build capacity or co-deliver targeted data analysis support for low emissions strategic planning and related investment and grant proposals, while also contributing evidence to the regional knowledge base.

The Senior Analyst is responsible for designing and developing innovative data management and analysis frameworks, with particular relevance to whole of economy and subnational planning approaches, to realise emissions abatement and sustainable development outcomes. We anticipate

that the Senior Analyst will be highly creative and will oversee the development and/or adaptation of a user friendly, open source online tool capable of calculating decarbonisation pathway scenarios and producing indicators to demonstrate impact on a range of economic, environmental and social variables. The tool will be developed in line with global best practice and be guided by input from global experts and national stakeholders, to account for the variable operational challenges, stakeholder needs and data quality likely to be experienced in developing countries.

The Senior Analyst will therefore possess strong stakeholder management and communication skills, and be expected to work closely with national stakeholders to develop and deliver targeted capacity building programs with country technical teams, and to mentor tool users. In addition, the senior analyst will provide iterative program quality assurance and regularly feedback to program reports and publications, to contribute to the global and national discourse

**Reporting Line:** The position reports to Head of International Programs, under broad direction, working with a degree of autonomy

**Supervisory Responsibilities:** This position provides direct supervision to research staff, including post graduate candidates, on an as needed basis.

**Financial delegation and/or budget responsibilities:**

## Key responsibilities

1. Provide strategic technical support and advice to senior management, and program working groups to support the delivery of the international work program.
2. Scope technical and analytical input to new international projects and work planning, through consultation with project partners (both internal and external) when relevant, making sure the desired outcomes meet their needs and requirements. Undertake regular monitoring of project schedules ensuring they progress and deliver to the agreed timeframes and milestones, and proactively alert management of any arising issues that could compromise quality or timelines as well as drive mitigation approaches
3. Lead an evaluation of existing tools to scope and develop net zero GHG emissions pathways or Sustainable Development Goal (SDG) interactions, and test findings in consultation with key stakeholder groups to understand end-user needs, learning preferences and capabilities.
4. Direct the development or adaptation of an online, open source modelling tool that uses innovative data management techniques (e.g. using blockchain) to support national and sectoral pathway and scenarios planning that can account for a range of complex variables (i.e. social, economic and environmental).
5. Lead the development and delivery of technical capacity building of relevant stakeholders in key target countries and contribute to the global discourse using online education modalities (e.g. MOOCS).
6. Undertake research, consultation, reviews, modelling, forecasting, business case development, quantitative and qualitative analysis and benchmarking to inform program design and approaches.
7. Develop specialised reports, correspondence, recommendations, presentations and advice on highly complex issues for a variety of audiences, including non-technical and multilingual stakeholders.
8. Implement and deliver significant strategic research and data projects, develop and implement frameworks, methodologies, standards and reporting processes including those relating to compliance and quality assurance
9. Develop and maintain strong partnerships and networks with key internal and external stakeholders, project partners, global decarbonisation technical experts, and proactively seek opportunities for program growth, knowledge sharing and collaboration.

## **Key selection criteria**

### **Education/Qualifications**

1. The appointee will have:
  - A postgraduate qualification in sciences, economics, engineering or related field, or progress towards postgraduate qualifications and extensive experience,
  - Or extensive analytical experience and management expertise;
  - or an equivalent combination of relevant experience and/or education/training

### **Knowledge and Skills**

2. Substantial analytical experience including contributing to strategic developments or initiatives in the provision of research, qualitative and quantitative data analysis.
3. Strong understanding of, and experience in, supporting the development of an online modelling tool and knowledge exchange platform. The ideal candidate will have a strong awareness of UX, visualisation and service design approaches to optimise stakeholder buy in, tool adoption and adult learning behaviour.
4. Highly numerate with strong analytical skills coupled with demonstrated ability to understand and manipulate complex models in Excel or other statistical software.
5. High level creativity skills to define new ways to frame issues and solve complex problems.
6. Proven ability to coordinate multiple competing tasks and allocate resources according to priority to ensure critical deadlines are met.
7. Demonstrated capability to work autonomously and proactively alert management of any arising risks.
8. Experience delivering training modules in cross-cultural contexts
9. The ability to work with ambiguity and be excited by the idea of working in an entrepreneurial culture and on pioneer research topics.
10. Strong interpersonal, verbal and written communication skills when dealing with a broad range of individuals, groups and organisations including the ability to foster effective collaboration.
11. Substantial experience in at least one area related to decarbonisation (energy efficiency, transport, land use, clean power generation).
12. Relevant international work experience, with an understanding of the operational challenges and cultural considerations relevant to South East Asia and/or the Pacific Islands with a focus on climate change mitigation, sustainable development
13. Excellent interpersonal and communication skills with the ability to provide authoritative advice and effectively translate and present complex concepts and information in both verbal and written format to non-technical and multilingual audiences, including designing and delivering capacity building activities.

## **Other job related information**

- The position requires after hours work to accommodate partner time zones.
- Overseas travel will be required.

## **Legal compliance**

Ensure you are aware of and adhere to legislation and University policy relevant to the duties undertaken, including: Equal Employment Opportunity, supporting equity and fairness; Occupational Health and Safety, supporting a safe workplace; Conflict of Interest (including Conflict of Interest in Research); Paid Outside Work; Privacy; Research Conduct; and Staff/Student Relationships.