

## Position Details

<b>Advertised Job Title:</b>	Theme Leader – Petroleum and Geothermal Portfolio
<b>Reference Number:</b>	WAN02346
<b>Classification:</b>	Other
<b>Salary Range:</b>	Attractive salary to be negotiated
<b>Location:</b>	Perth, Western Australia preferred, but other locations will be considered
<b>Tenure:</b>	3 year term
<b>Relocation Assistance:</b>	May be provided to the successful candidate
<b>Residency Status:</b>	Open to International Residents

### Role Overview:

An outstanding opportunity currently exists for an experienced and motivated individual to join CSIRO's Petroleum and Geothermal Research (PGR) Portfolio in the role of Theme Leader, leading research activities in Gas Production and Processing and Geothermal Energy. The PGR portfolio develops and deploys R&D solutions for oil, gas and geothermal energy exploration, production and processing as well as CO<sub>2</sub> capture and storage technologies, aiming at a safer, cleaner, and secure Australian energy future. We work with multidisciplinary teams involving, among others, geoscientists, engineers, physical, chemical and biological scientists, and mathematicians.

As Theme Leader you will have direct responsibility to the Portfolio Director for successful execution and management of the Theme. You will recommend the strategic direction of the Theme and will oversee the integration and delivery of the science. Additionally, you will have a key role in designing and facilitating successful delivery and adoption of the science in line with the Theme goal.

You will be part of a management team that will work with CSIRO Divisions and other Portfolios, and participate in the delineation and execution of the Portfolio's strategy, goals, research plans and budget.

### Duties:

- Delineation of strategic direction, identification and development of research opportunities, and oversight of integration, delivery and deployment of the theme's science and technology.
- Cooperation with science leaders in CSIRO and elsewhere to achieve optimal development

and application of capabilities (people, facilities, relationships).

- Development of business plans aligned with strategic direction.
- Identification of opportunities for and management of the application of world-class research to deliver significant impact to the economy, society and the environment.
- Maintenance of the client / stakeholder confidence and support through projects' life cycle.
- Management of funding to support theme activities and delivery of outputs on specification, on time and on budget.
- Encouragement of adoption by stream and project leaders of processes and practices that foster creativity and commitment.
- Proactively ensuring all activities are carried out in strict accordance with HSE standards and practices.

**The key capabilities of a potential candidate include:**

- Strategic science leadership experience relevant to the objectives of the theme.
- Team player with well developed self-awareness of personal strengths and weaknesses and strong inter-personal skills.
- Innovative, creative and excelling in complex environments where your leadership and influence will grow via effective performance and earned respect.
- Demonstrated experience in interacting with people from a wide range of institutions and backgrounds, and excellent strategic, organisational, communication and coordination skills.
- Solid experience working with industry, government agencies, universities and other institutions that will be instrumental in delivery of the goals of the theme.
- Strongly client and outcome focused, with demonstrated ability to lead science and technology that deliver to stakeholder needs.
- Understanding of the Petroleum industry needs, drivers, challenges (service and operating companies). Understanding / appreciation of business development and the path to implementation in the petroleum and geothermal industry.
- Health and safety focus, promote positive culture

**Selection Criteria:**

*Please note: Under CSIRO policy only applicants who meet all the essential criteria can be appointed*

**Essential Criteria:**

**1. Qualifications and background**

Engineering and/or physical/chemical/biological sciences background in areas related to oil and gas production and/or processing, or in geosciences with demonstrable broad understanding of the petroleum and geothermal industries, both upstream and downstream. Demonstrated experience and competencies in senior level science management in R&D institutions, academia and/or industry. A PhD in engineering or geosciences or clear evidence of equivalent experience is required.

**2. Science Leadership**

Demonstrated experience in leading large, complex and multidisciplinary science initiatives/teams aligned to strategic directions and stakeholders' needs, with emphasis on fostering an environment that leads to a high level of cooperation within and between teams.

**3. Senior Leadership**

Demonstrated capacity to operate effectively as part of a senior management team with excellent

people management skills, clearly and consistently developing and communicating the vision and goals, managing up and across the team and championing team decisions, with an emphasis on negotiation and influencing skills.

#### **4. Relationship management and science delivery**

Proven experience in working with and delivering benefit to the various sectors / agencies / end-users with developed science and technology. It requires familiarity with the processes involved in communication and relationship management with stakeholders (government, industry, and community), understanding of drivers and needs, research management and people's management and leadership.

#### **5. Research Planning**

Demonstrated competency in conceiving, developing and implementing integrated, differentiated, innovative and pre-emptive research and/or business plans in a research environment, including a track record in generating and then coordinating the necessary human commitment and financial resources to complete and deploy ambitious projects on time, within budget, and to high standards of science and stakeholder satisfaction

**CSIRO is a values based organisation. In your application and at interview you will need to demonstrate behaviours aligned to our values of:**

- Integrity of excellent science
- Building trust and respect each day
- Initiative to explore new horizons
- Delivering on commitments
- Safety and sustainability

#### **Other Information:**

**How to Apply:** Please apply for this position online at [www.csiro.au/careers](http://www.csiro.au/careers). The manager may ask you to answer questions related to the selection criteria. If so, then responding to these questions will enhance your application so please take the time to provide relevant succinct answers. If specific questions are asked, applicants who do not answer them may not be considered.

If you experience difficulties applying online call 1300 301 509 and someone will be able to assist you. Outside business hours please email: [csiro-careers@csiro.au](mailto:csiro-careers@csiro.au).

**Referees:** If you do not already have the names and contact details of two previous supervisors or academic / professional referees included in your resume/CV please add these before uploading your CV.

**Contact:** If after reading the selection documentation you require further information please contact Dr Edson Nakagawa, Director of the Petroleum and Geothermal Research Portfolio, by email at [Edson.Nakagawa@csiro.au](mailto:Edson.Nakagawa@csiro.au) or by phone at +61 8 6436 8752

*Please do not email your application directly to Dr Nakagawa, Applications received via this method will not be considered.*

**About CSIRO:** Australia is founding its future on science and innovation. Its national science agency, CSIRO is a powerhouse of ideas, technologies and skills for building prosperity, growth, health and sustainability. It serves governments, industries, business and communities across the nation. Find out more! [www.csiro.au](http://www.csiro.au).

**CSIRO Petroleum and Geothermal Research Portfolio** is focused in three main areas:

- supporting gas as a transition fuel for a clean energy future
- demonstrating geothermal as a feasible alternative energy source in Australia
- reducing exploration risks and enhancing oil and gas recovery.

CSIRO has a long history of research into petroleum systems and technologies used by the oil and gas industry.

CSIRO's petroleum and energy research is aiding Australia's transition into a clean energy future. With oil and gas a significant primary source of energy, now and into the future, we are using this understanding of petroleum systems to:

- improve the productivity of existing oilfields
- increase recovery rates of oil and gas from petroleum reservoirs.

For more information, visit [http://www.csiro.au/org/petroleum-and-geothermal--ci\\_pageNo-3.html](http://www.csiro.au/org/petroleum-and-geothermal--ci_pageNo-3.html)