



**Lynn L. Pryer**  
Consultant

**Profession:** Structural Geologist

**Education:** B.Sc. (Hons), McMaster University, Canada  
MSc - McMaster University, Canada  
Ph.D. University of Toronto, Canada

**Registrations/  
Affiliations:** Petroleum Exploration Society of Australia  
American Geophysical Union  
International Association of Structural Geologists  
Geological Society of America  
Australian Institute of Geoscientists

**Specialisation:** Structural geology, regional tectonics, basin analyses

**Expertise**

- Structural Geology and Tectonic Evolution
  - Structural analysis, regional and prospect scale
  - Tectonic evolution
  - Paleo-stress analysis
  - Microstructural analysis
  - Kinematic reconstruction
  - Strain analysis
  - Fracture mechanics
  - Tectonic controls on fluid flow
- Integrated Remote Sensing Image Interpretation of structure and solid geology
  - Aeromagnetics; Gravity; Radiometrics; Landsat TM; SPOT
  - Mapped geology; drill data, literature
- Petroleum Exploration
  - Basin Analysis/ Basin Architecture
  - Basin Evolution
  - Timing and Nature of Tectonic Events
  - Structural Trap Development
  - Migration Pathways
- Coal Exploration and Mining
  - Tectonic events relevant to coal seam
  - Regional structural risk evaluation
  - Structural risk mapping at seam level
- Mineral Exploration
  - Structural controls on mineralisation
  - Evolution and Timing of Ore Deposit systems

*Dr Lynn Pryer obtained a BSc (summa cum laude) in geology from McMaster University (Ontario, Canada) in 1984, MSc in Structural Geology in 1986 and PhD in Structural Geology from the University of Toronto (Canada) in 1993. Lynn held an NSERC Postdoctoral Fellowship, which was undertaken at the Research School of Earth Sciences, Australian National University, with the Petrophysics Group, in experimental rock deformation. She is a member of the GSA, AGU, IASTG and PESA.*

**Knowledge Areas:** Australasia, SE Asia, South Africa, Canada, North Sea/Atlantic Margins

**Employment Record**

**2004-Present** FrOG Tech, Consultant, Canberra Australia  
**1997-Present** SRK Consulting, Consultant, Canberra Australia

**Languages:** English