



The Leichhardt Award 2019 | Citation

# Renate Sliwa

## Summary of Original Contributions to Coal Geology and Related Disciplines in Queensland

Renate's name is synonymous with industry's current understanding of the structural geology and tectonic setting of the Bowen, Surat and related basins comprising the hydrocarbon wealth underlying the Queensland landscape. She has co-authored more than 30 high-impact and widely-referenced publications.

More specifically, her contributions include:

1. Co-principal originator of the Solid Geology Maps in 2008 and 2017 found in every mining and coal seam gas company office;
2. Completer / finisher of the Supermodel projects, exacting her finesse on integrating the story of the structural history of the Bowen Basin;
3. While at CSIRO, and after, describing and interpreting structure and interaction with strata that contribute to geotechnical behaviour in both open cut and underground mines;
4. Since starting Integrated Geoscience, her willingness, well beyond the call of duty as a consultant, to develop the best conceptual structural models at local to mine-scale, by building on her deep knowledge of basin-scale tectonic history;
5. Educating students and industry practitioners alike, through her voluntary adjunct position at the University of Queensland and presentation of countless workshops and seminars on the structure of the Bowen Basin;
6. Being a tireless friend and colleague to all in the BBGG, for whom no question is stupid and no task unreasonable.

**Nominated by: John Simmons | Seconded by: Joan Esterle**