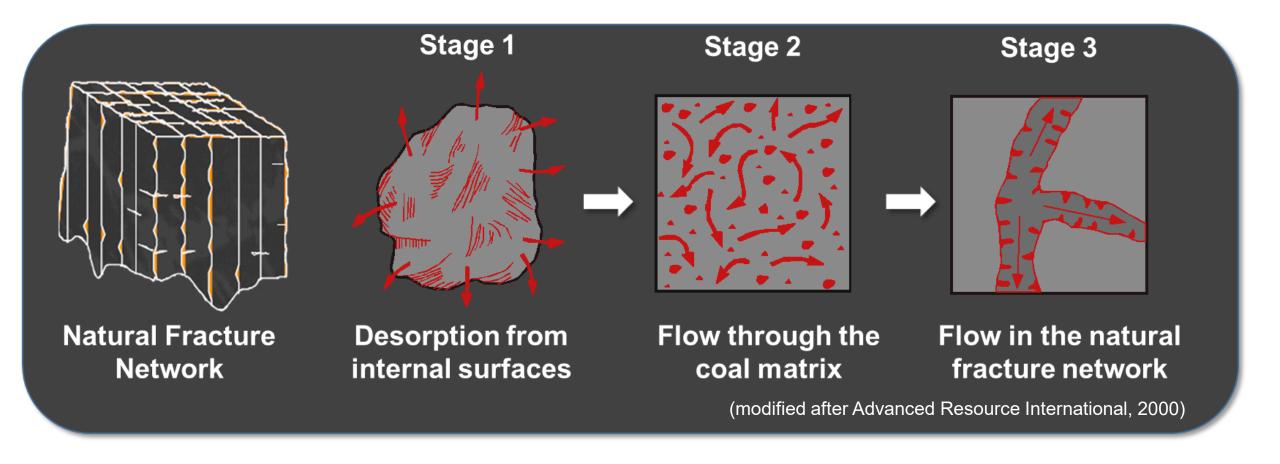


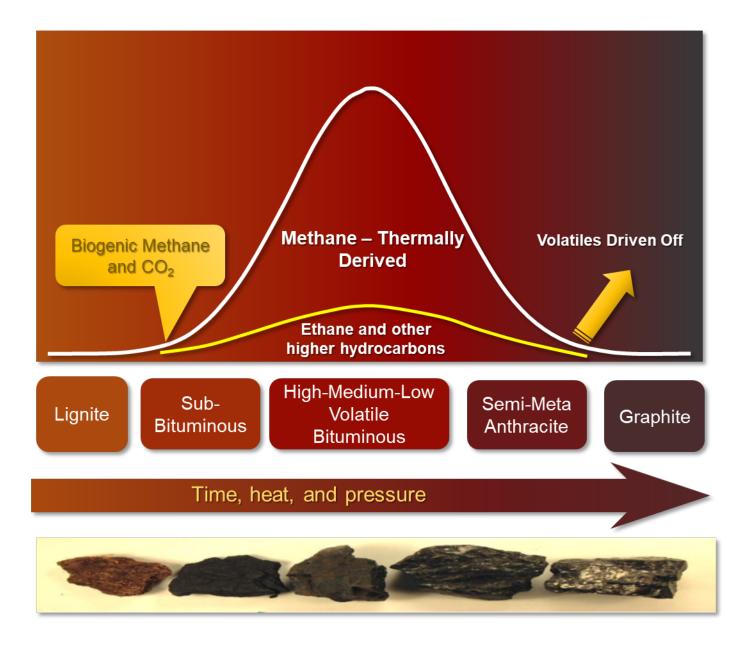
CBM Basics

Schematic illustration of gas flow process in coal



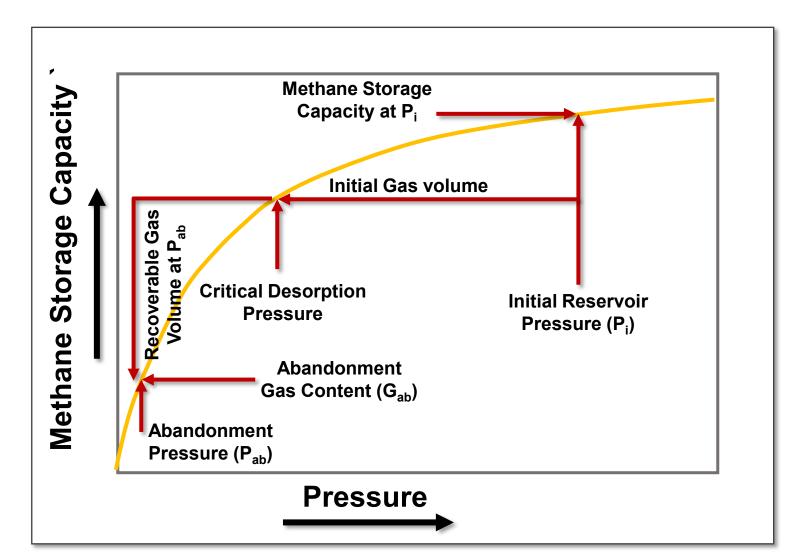


Schematic illustration of methane generation with coal maturity





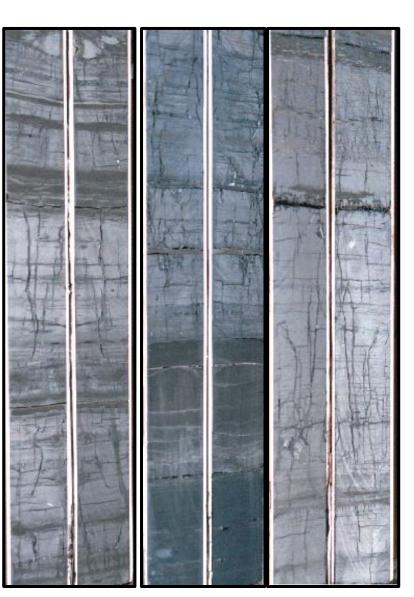
Schematic illustration of gas saturation and recovery factor from adsorption Isotherm data





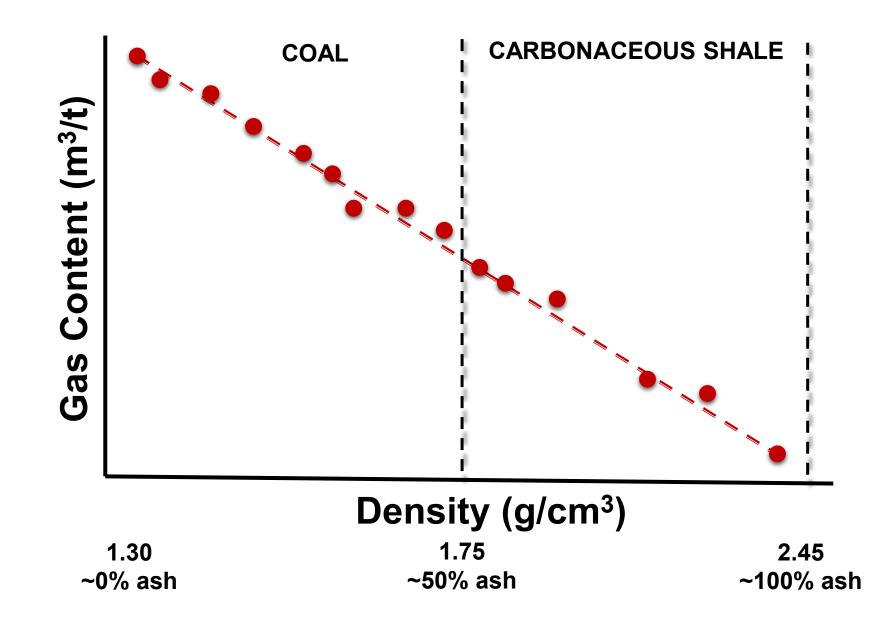
Gas Saturation (%) = (Initial Gas content / Methane Adsorption Capacity at P_i Gas Recovery Factor (%) = (Recoverable Gas Volume at P_{ab} / Initial Gas volume) X100

Natural Fracture network (cleats and joints) within subbituminous to high volatile bituminous coals, Surat Basin, Australia



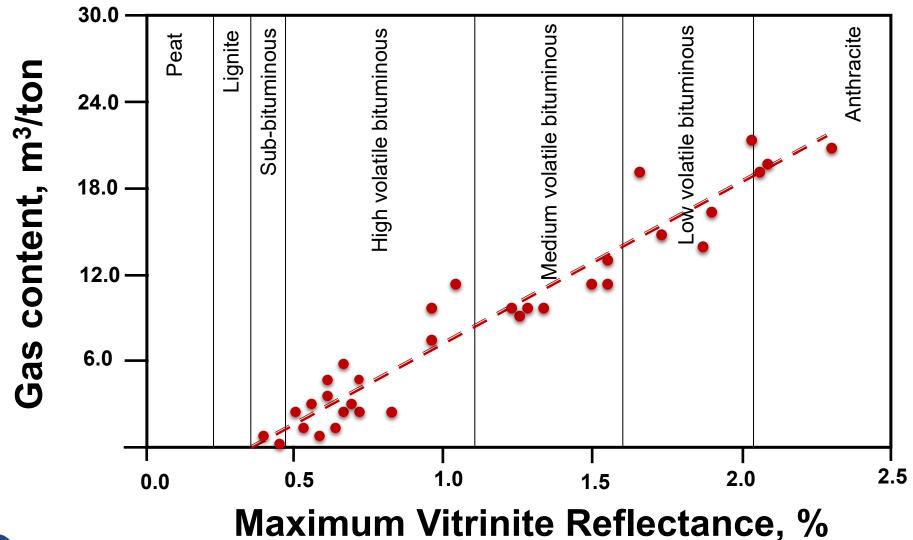


Gas content relationship with ash (inorganic) content in coal



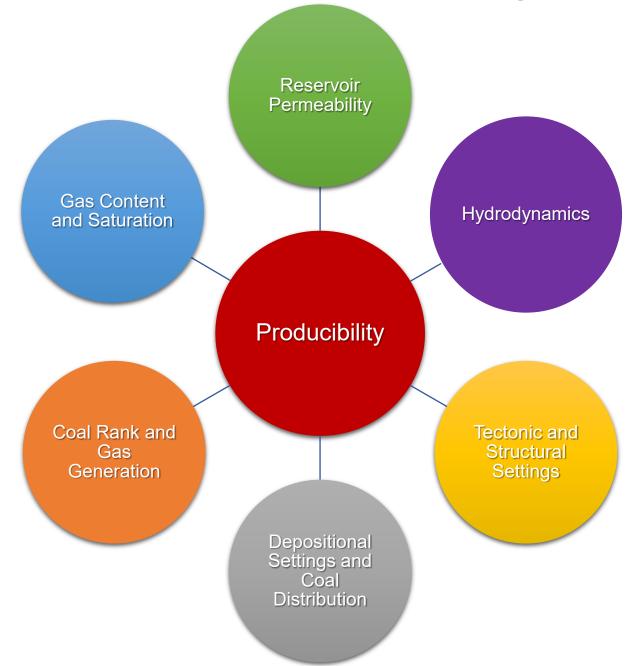
Ib River Energy

Effect of coal rank on gas content



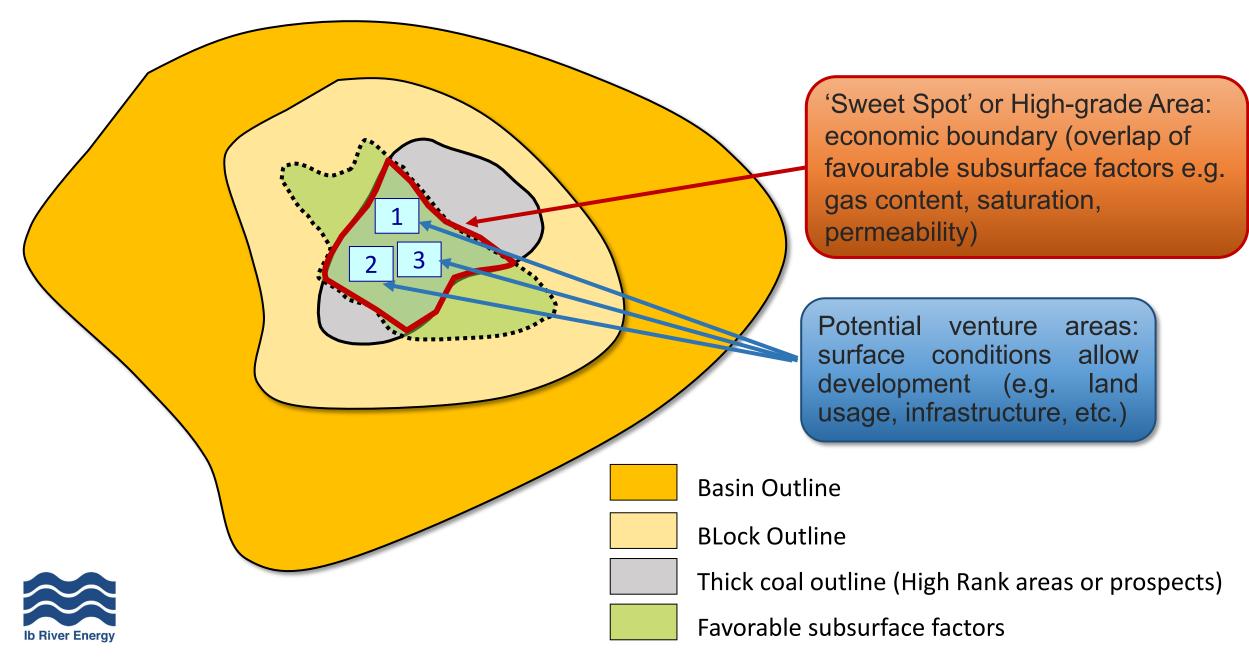


Coalbed Methane Producibility Model

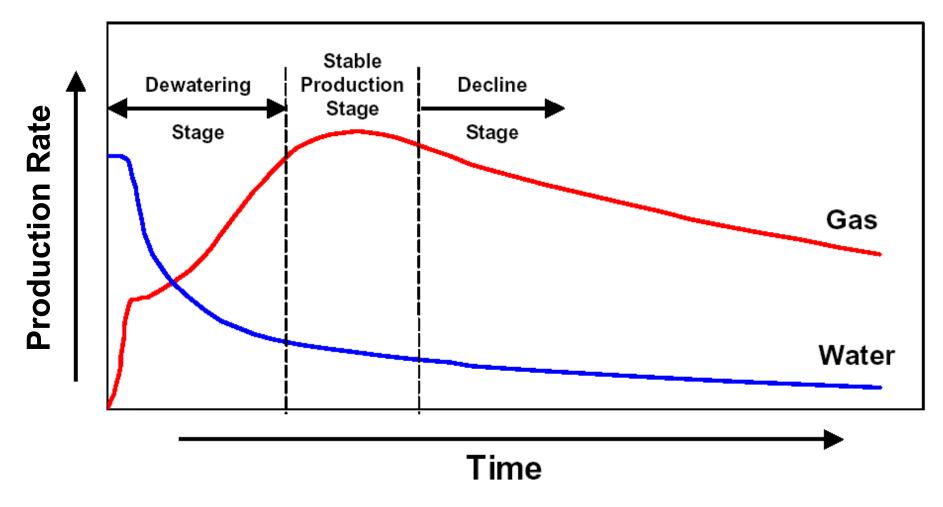




Finding the 'Sweet Spots': basin assessment workflow



Schematic illustration of typical Coal Bed Methane well production lifecycle

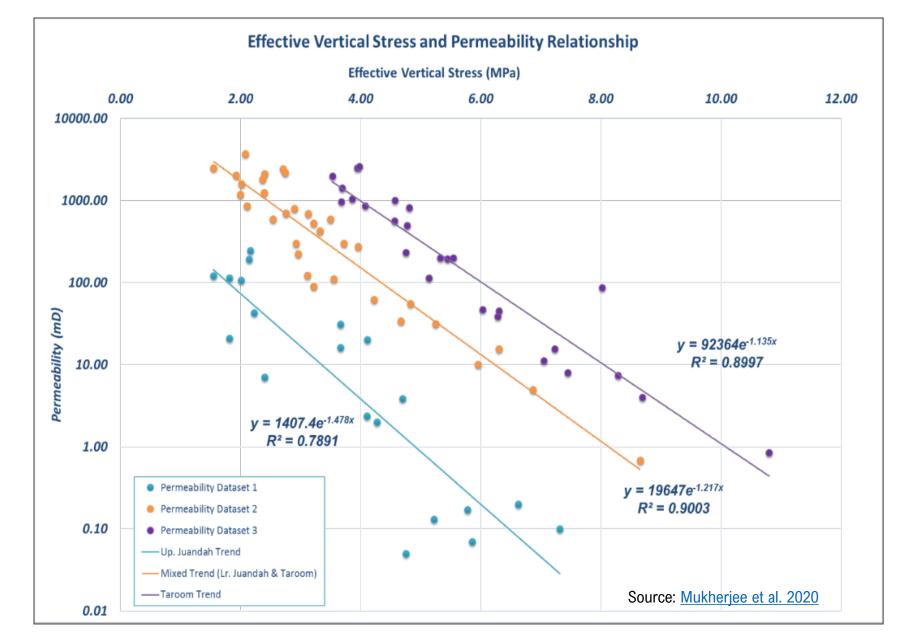




Figures from Publications

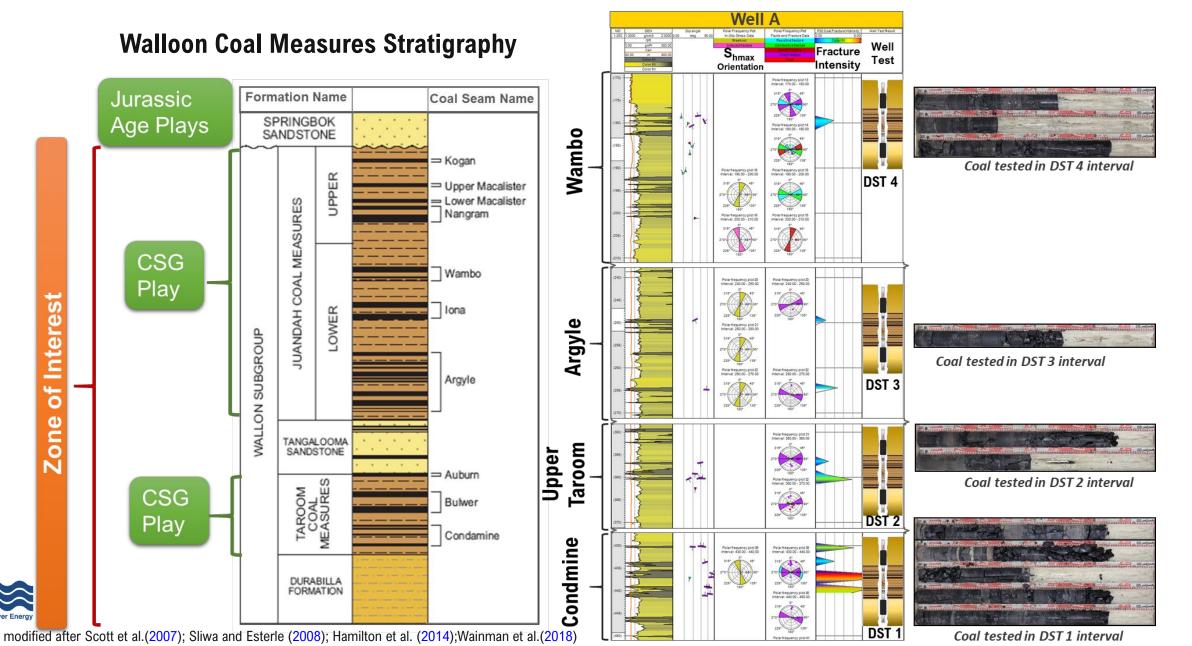


Permeability relationship with effective vertical stress within Walloon Coal Measures, Surat Basin, Australia.

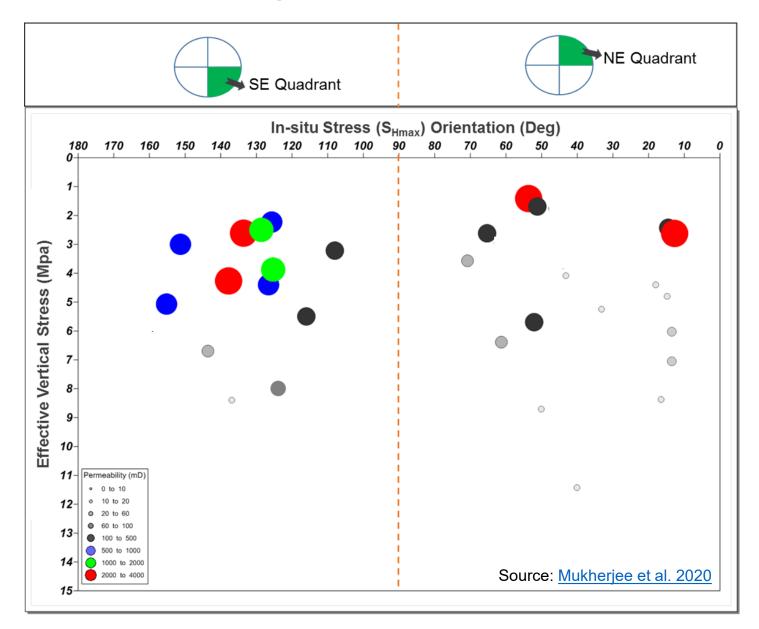




Well section showing in-situ stress and fracture character relationship with permeability, Surat Basin, Australia



Relationship between *in-situ* stress and effective vertical stress with reservoir permeability, eastern Surat Basin, Australia





Permeability relationship with effective vertical stress and the relative angle between maximum horizontal stress (S_{Hmax}) orientation, and coal fracture in the Surat Basin, Australia.

