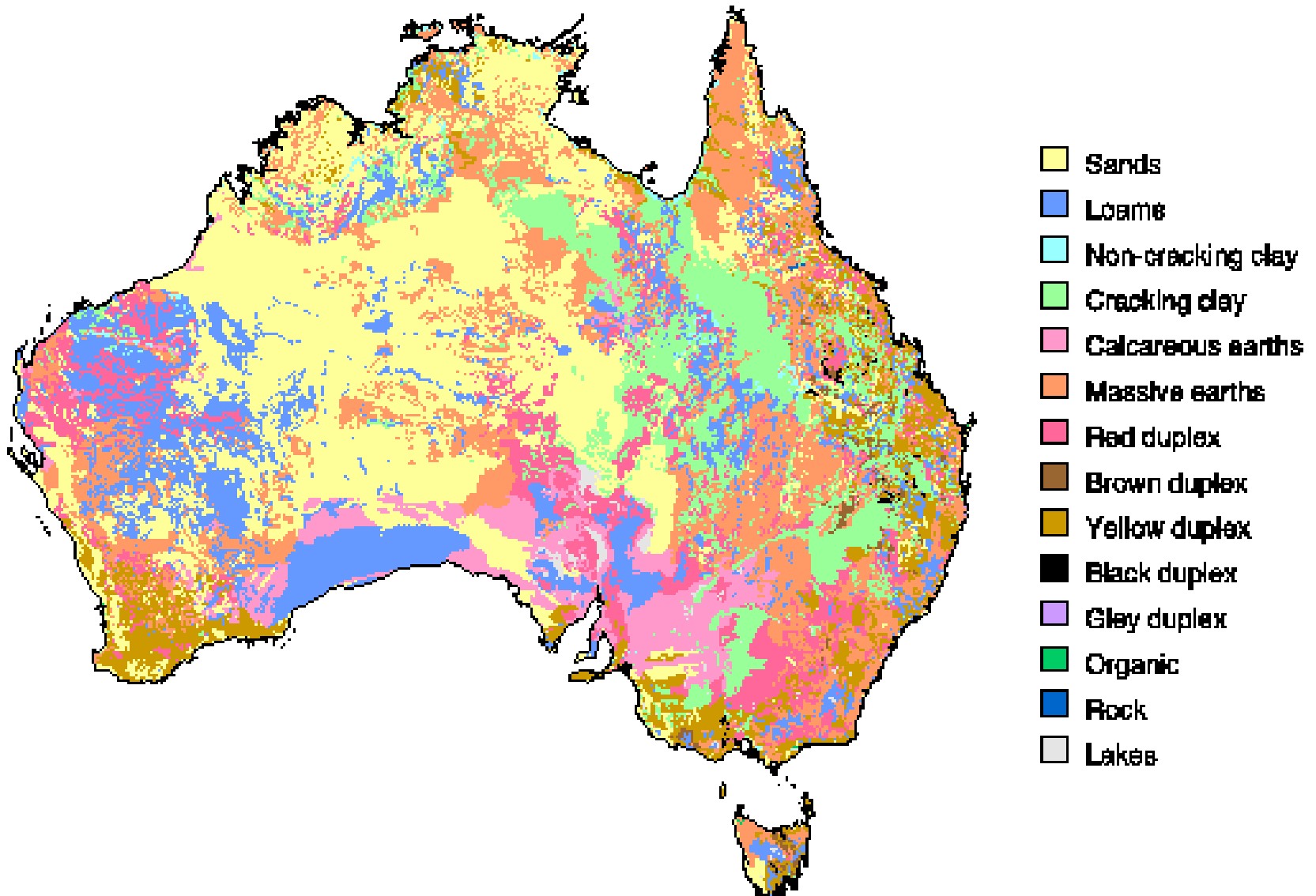


# Australian soils



# Farm enterprise inventory

Category	Source	CO <sub>2</sub> (e) (kg/ha)	Area (hectares)	Total CO <sub>2</sub> (e) (tonnes)
Residue N <sub>2</sub> O <sup>a</sup>	Pastures	0	100	0
	Dryland	94	100	8.9
	Irrigated cereal	199	100	19.0
	Irrigated cotton	112	100	7.1
Other N <sub>2</sub> O	Atmos. Deposit			12.3
	Leaching			3.5
	Urine and faeces			12.6
Fertiliser N <sub>2</sub> O	Direct loss <sup>b</sup>			61.0
Soil CO <sub>2</sub> <sup>c</sup>	Dryland	191	100	8.2
	Irrigated	676	200	58.2
Fuel/power CO <sub>2</sub> <sup>d</sup>	Electricity			0.2
	Petrol			10.8
	Diesel			106.4
CH <sub>4</sub>	Animals			138.0
Sinks CO <sub>2</sub> <sup>e</sup>	Trees	-1958	12	-47
<b>TOTAL<sup>f</sup></b>				<b>399.5</b>