

# Calculation of Greenhouse Gas Emissions Abatement

**Andrew Edwards**

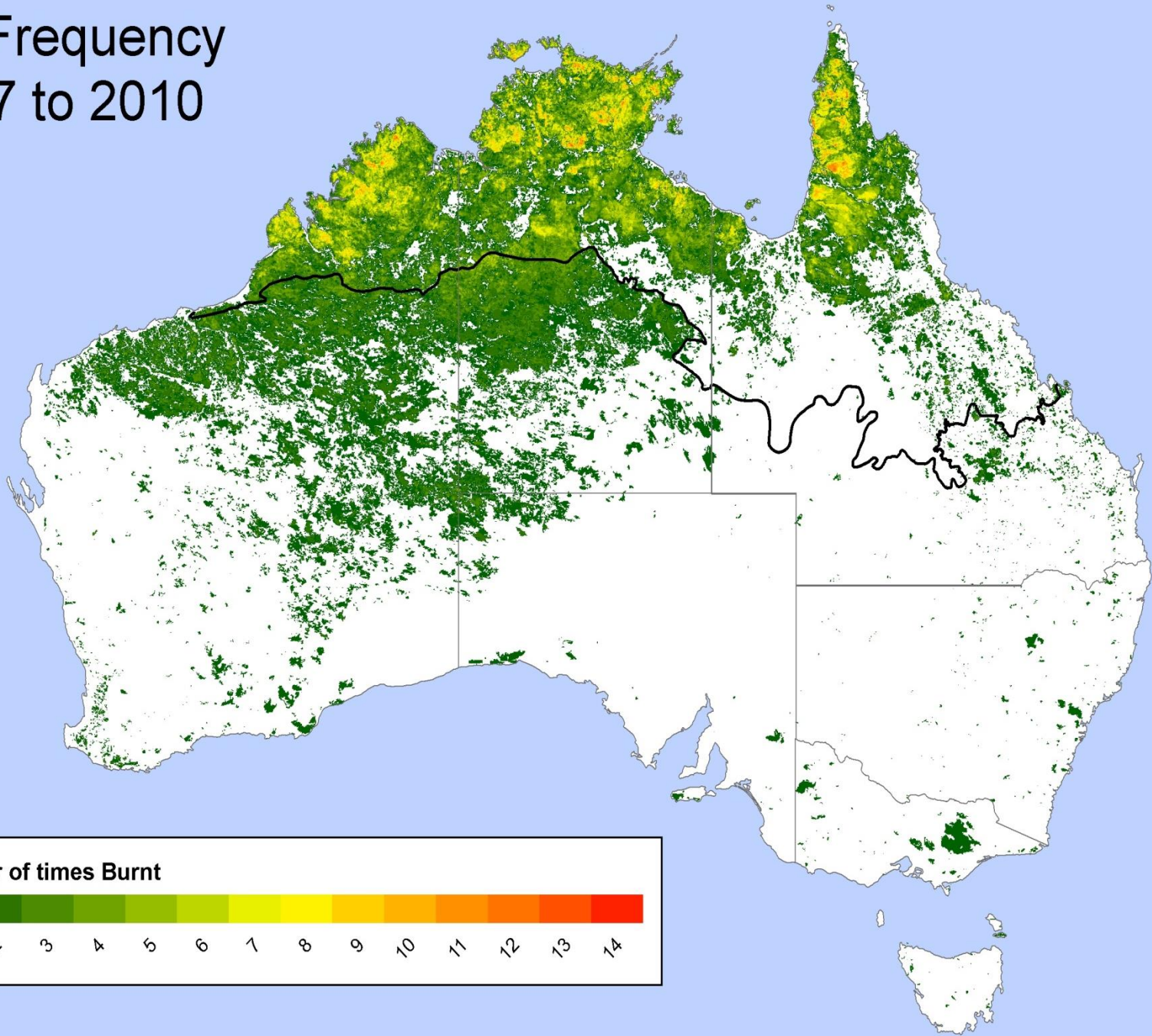
**Darwin Centre for Bushfire Research**

**Ian Miller**

**Spatial Vision**



# Fire Frequency 1997 to 2010



Number of times Burnt



1 2 3 4 5 6 7 8 9 10 11 12 13 14













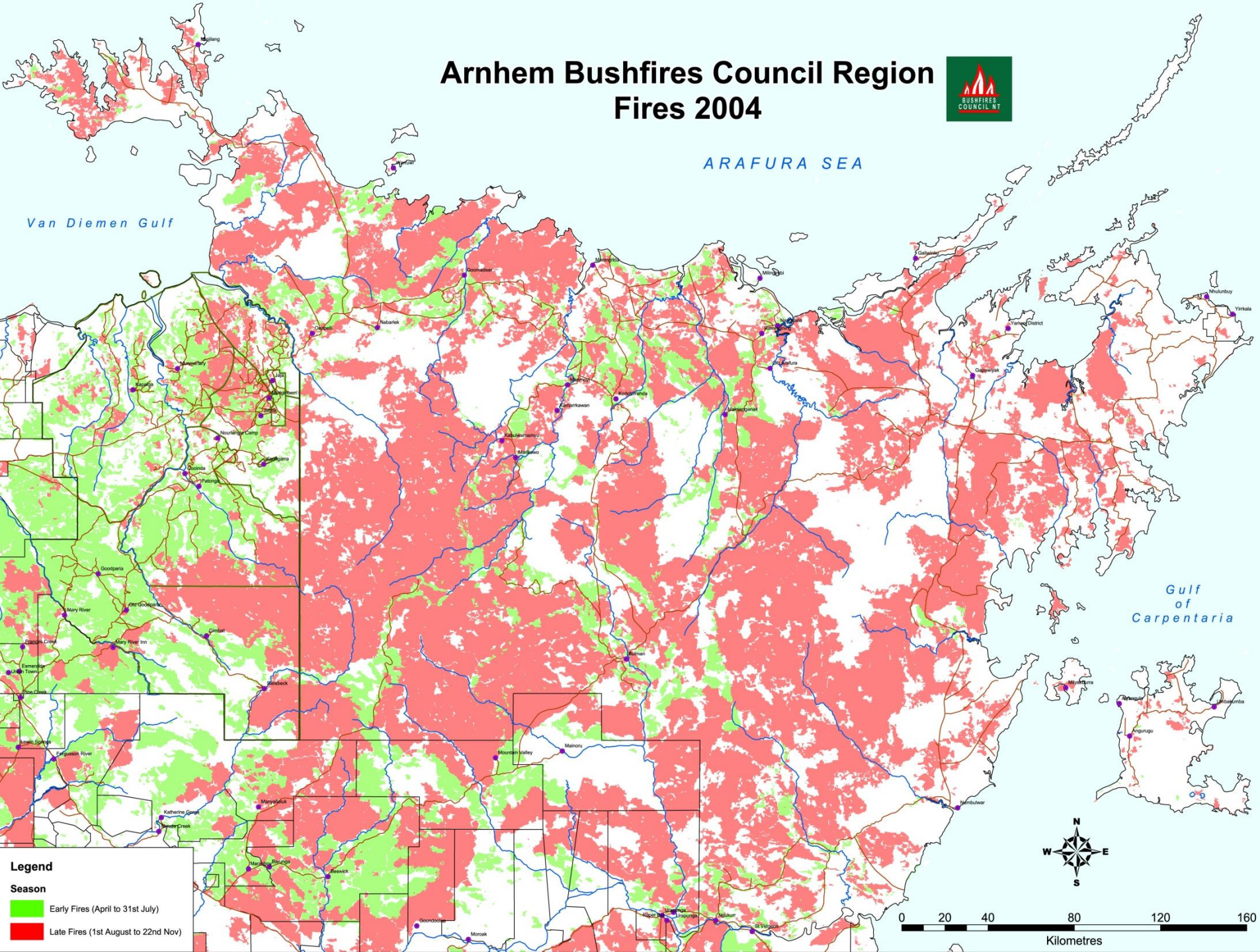
The development of economically sustainable bases for regional fire management is critical to long-term conservation of the WALFA region's internationally acclaimed biodiversity values



Where were we till recently?

**wildfires covering thousands of square kilometres**

# Arnhem Bushfires Council Region Fires 2004



Van Diemen Gulf

ARAFURA SEA

Gulf of  
Carpentaria



0 20 40 80 120 160

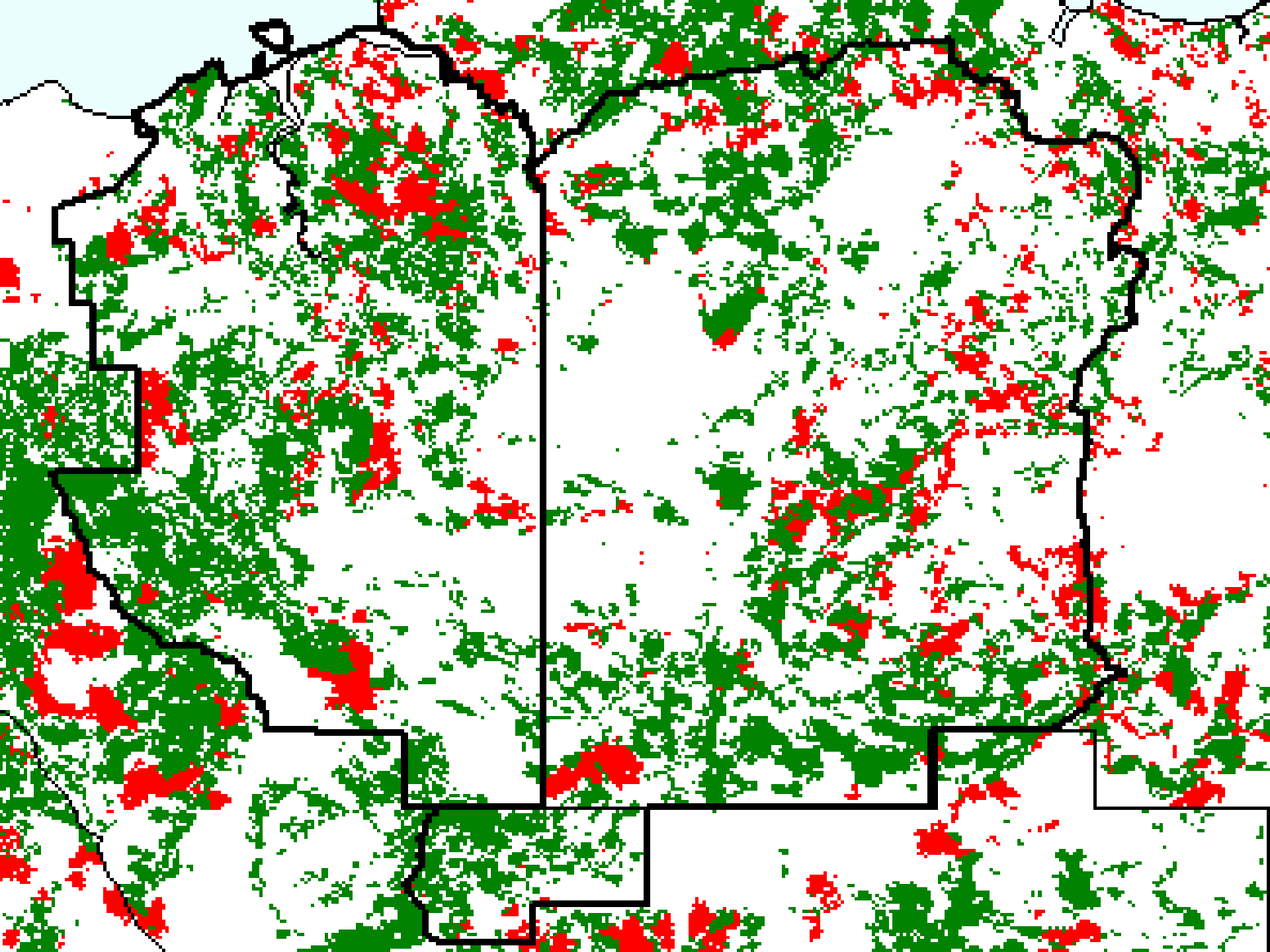
Kilometres

## Legend

### Season

Early Fires (April to 31st July)

Late Fires (1st August to 22nd Nov)















25 10 2003





26 10 2003





22.09 07:16



# Eureka Prize Winners

2007 Winner

INNOVATIVE SOLUTIONS TO CLIMATE CHANGE  
WEST ARNHEM LAND WILDFIRE ABATEMENT



Credibility to the science  
based primarily on traditional knowledge.