

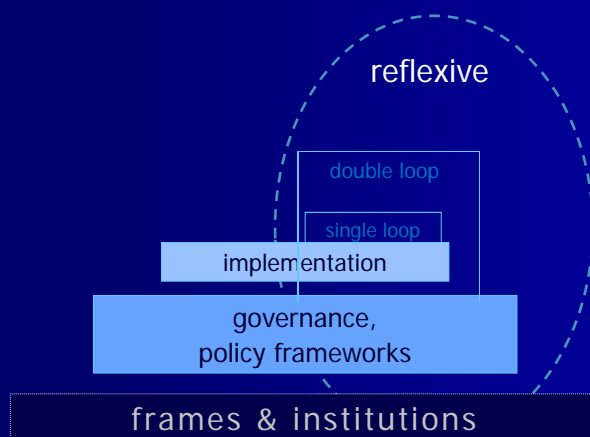
Adapting to climate change:

reflecting on shared &
uncommon knowledge

climate change & fire management

- biophysical projections for fire weather
- other cc projections:
 - environmental – species & ecosystem shifts
 - economic – trade, housing, agriculture
 - social – lifestyle (urban, rural), expectations, politics
- the **combination** is the adaptation challenge

adaptive capacity of public sectors requires reflexive learning



policy frames

- 'ideas' about fundamental purpose
 - what's wrong
 - what needs fixing



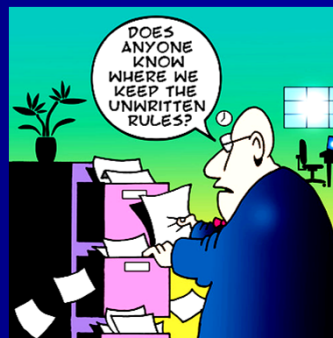
policy frames

- direct attention to part of a complex picture

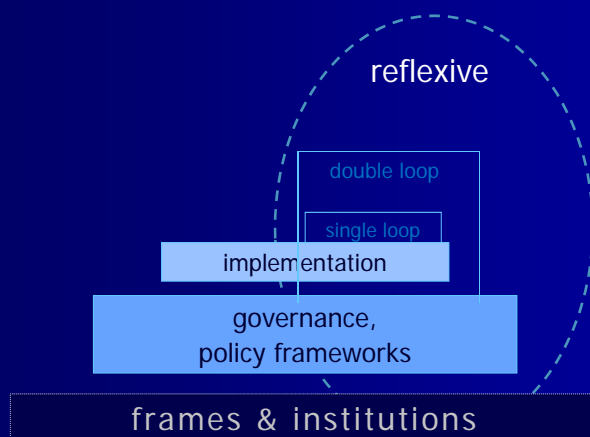


informal institutions

- unwritten 'rules in use' [the square]
- influence how frames manifest by defining...
 - involvement – who, in what, & how
 - consequences
 - alternatives
- institutionalised frames are important



adaptive capacity of public sectors requires reflexive learning



fire management frames

sustainability:
balance ecology & safety



what's wrong: disconnect from natural environment
land use planning creates conflict
mostly a social issue

what needs fixing: increase landscape awareness
avoid creating the conflict
'live with fire'

fire management frames

risk/ emergency management:
defend assets from fire



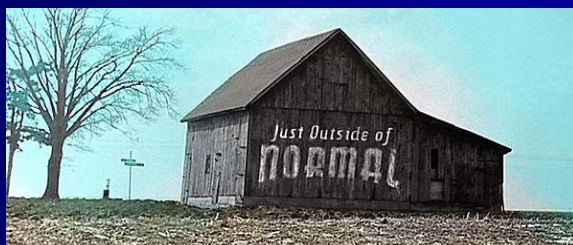
what's wrong: lack of risk awareness
 land use planning creates risks
 we don't calculate 'the risk'

what needs fixing: increase bushfire risk awareness
 avoid creating the risk
 risk calculation

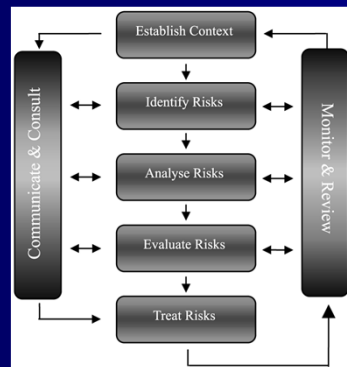
climate change frames

- routine
- unbounded/complex
- non-routine

(adapted from Handmer & Dovers 2007)



adapting to climate change?

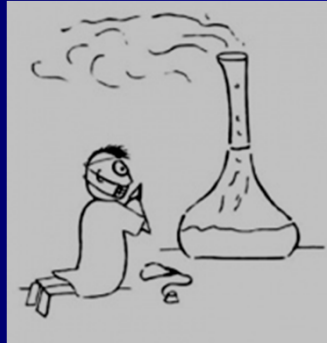


informal institutions... "the square"

- scientism – science will give us the answers
- mistakes are not allowed
- be seen to be doing
- taboo subjects
- reputational competition

informal institutions....

- scientism – science will give us the answers



informal institutions....

- mistakes are not allowed



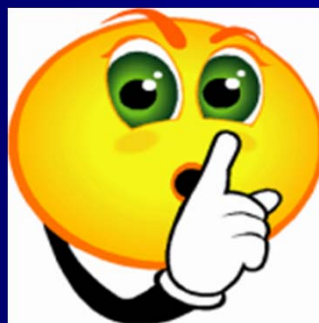
informal institutions....

- **be seen** to be **doing**



informal institutions....

- legitimate and taboo knowledge



informal institutions....

- competition for reputational capital – “our ‘solution’ is best”



the institutionalised frame

institutionalised emergency / risk management

- ▶ implies ready calculability
- ▶ importantly focuses on threat, hazard & danger

but can ignore more complex factors

- ▶ socio-political factors contributing to vulnerabilities
- ▶ value judgements and choices

limits the frame

