

A wide-angle landscape photograph showing a river winding through a lush green valley. In the background, a range of mountains with patches of snow is visible under a clear blue sky.

**For now &
our future**

Sources of knowledge

Science, Strategy and Investigations Manager Team





www.es.govt.nz



Knowledge Systems

- **BACKGROUND**
- **PREVIOUS KNOWLEDGE**
- **UNCONSCIOUS BIAS**



- **Honest Broker**
- **Issue Advocate**
- **Pure Scientist**
- **Science Arbiter**

VIEW OF SCIENCE IN SOCIETY

**Linear Model
(Inward facing)**

**Stakeholder Model
(Outward facing)**

**VIEW OF
DEMOCRACY**

Pure Scientist

Issue Advocate

**Interest group
pluralism**

Job done once work produced
Desire to not engage
“Ivory tower” with little concern for society

Produces science that services their cause
Desire to reduce scope of available choice, often to a single preferred outcome

Elite conflict

Science Arbiter

Honest Broker

Provides answers to questions that can be addressed empirically (e.g. expert in court)
Desire to limit engagement to clarification

Brings their own, and everyone else’s science to the table including what is not known
Desire to clarify and increase scope of options available for action

...his tripkins hits out at anti-vaxxers as 'pro-plague'

ette Devlin · 15:43, May 08 2019

