Table 5.1. Analytical approaches, tools and methods available to making decisions about biological invasions

This table shows the different analytical approaches, tools and methods available to decision makers to tackle biological invasions as well as their respective utility and different levels of governance to which they apply.

|  |  |  |  |
| --- | --- | --- | --- |
| *Tools and Methods* | *Utility* | | |
| **Hazard identification** | **Prioritization** | **Identification of best management options** |
| Horizon scanning | x | X |  |
| Pathway analysis | x | X |  |
| Impact assessment |  | X |  |
| Risk analysis | x | X | x |
| Risk assessment | x | X |  |
| Risk modelling and mapping | x | X |  |
| Risk management |  | X | x |
| Economic approaches |  | X | x |
| Multi-criteria analyses | x | X | x |
| Case study learnings from past successes/failures |  |  | x |
| Evidence synthesis |  |  | x |
| Best management practices |  |  | x |