

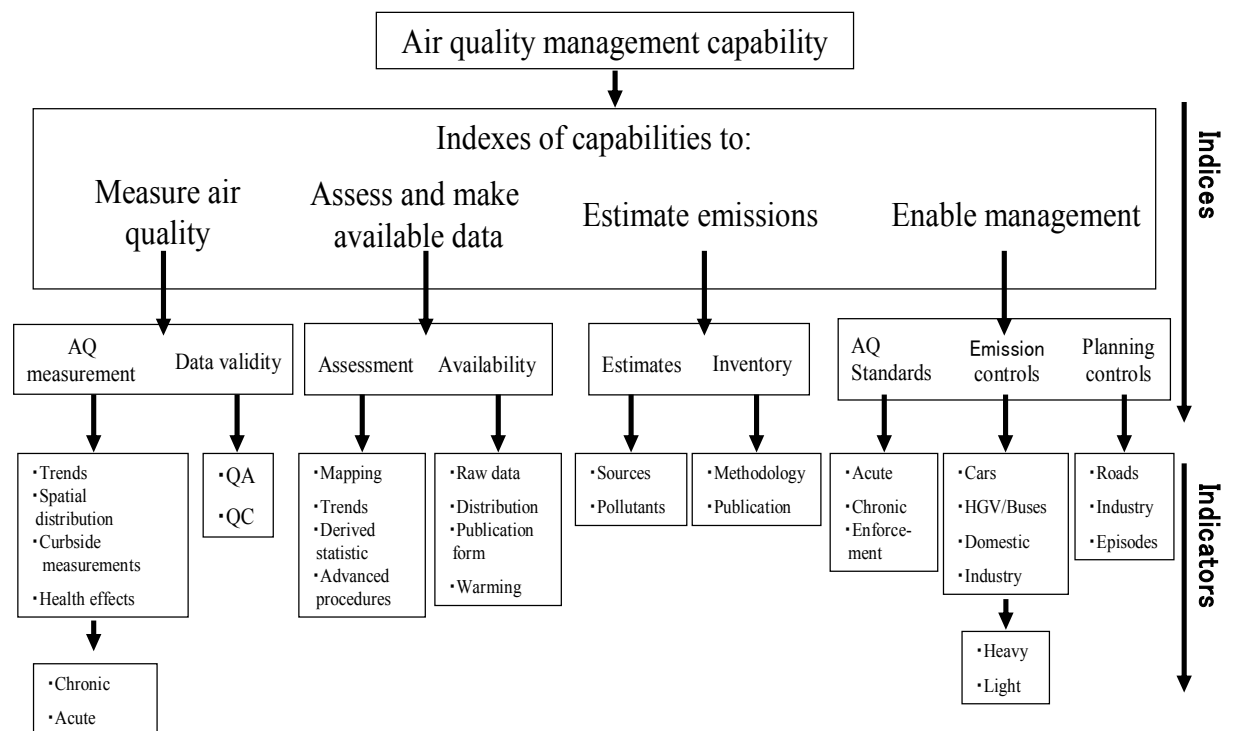
Environmental Economics and Policy: Memo 10

1. Cost Assessment

Social cost = Government Cost (monitoring cost, information cost, emission research cost, and policy implementation cost, and evaluation cost) + Private Cost (abatement cost of firms)

Civil society's damage cost → benefit

図1 都市の大気質管理能力：GEMS Report



(出所) UNDP/WHO (1996) , Matsuoka (2007)

2. Benefit Assessment

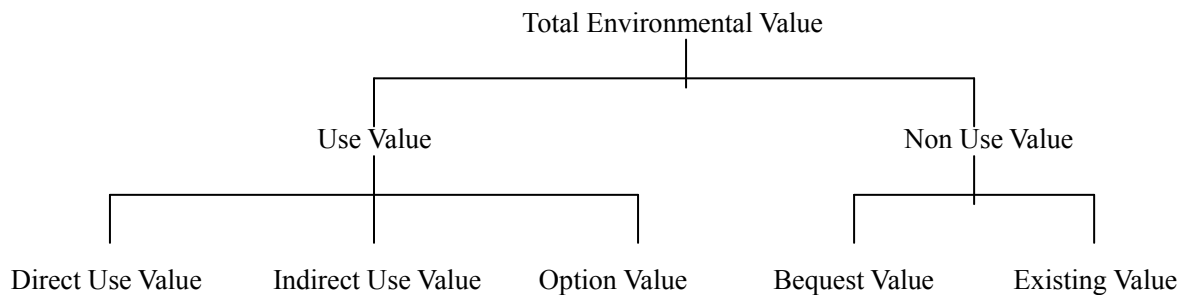


Fig. 2 Classification of Economic Value of Environment

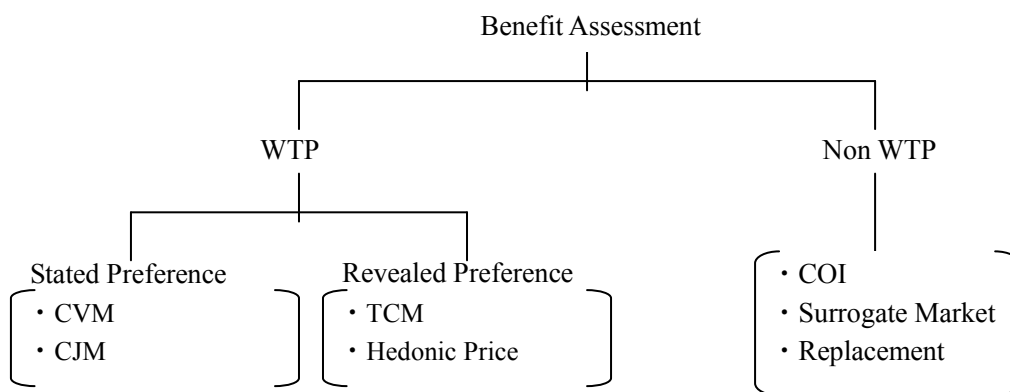


Fig. 2 Methodology of Economic Valuation of Environmental Benefit

References

- Kochi, I., S. Matsuoka, M. A. Memon, and H. Shirakawa (2001), "Cost benefit analysis of the sulfur dioxide emissions control policy in Japan", *Environmental Economics and Policy Studies*, 4(4), pp.219-233
- Boardman, A.E., D. H. Greenberg, A. R. Vining, and D. L. Weimer (2006), *Cost-Benefit Analysis: Concept and Practice (3rd ed.)*, Person Prentice Hall.
- Memon, A. M. and S. Matsuoka (2002), "Validity of contingent valuation estimates from developing countries: scope sensitivity analysis", *Environmental Economics and Policy Studies*, 5(1), pp.39-61

Schedule

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Part1: Theory of Environmental Economics and Environmental Policies

2-6. CAC and MBIs and the comparison of their efficiency 10/6, 10/13, 10/27, 11/10, 11/17

7.8. Voluntary Approaches, Water Pollution Policy, Climate Change Policy 11/17, 11/24

Part2: Economic Evaluation on Environmental policy and Policy Analysis

9.10. Cost Benefit analysis in Environmental Policy 12/1, 12/8

11. Economic Valuation on Environmental Policy-COI, SP and RP 12/15

12.13. Contingent Valuation Method (CVM) and Travel Cost Method 12/22, 1/12, 1/19 (close)

14. The Design of Environmental Policy 1/26

15. Concluding remarks