

SAULT COLLEGE  
of Applied Arts and Technology  
Sault Ste. Marie

COURSE OUTLINE  
and Specific Objectives

CARRYING CAPACITY OF LAND &  
WATER RESOURCES  
FOR-303-4

revised June, 1981 by G. L. Stone

## REFERENCES

- Boughney, A. S., 1968, Ecology of Populations, MacMillan Co., London, 135p.
- Dasmann, R. F., 1964, Wildlife Biology, Wiley, N.Y., 231p.
- Lime, D. W. and G. H. Stankey, 1971, Carrying Capacity: Maintaining Outdoor Recreation Quality from Recreation Symposium Proceedings, U.S.D.A. Forest Service, Upper Derby, PA., p. 174-184
- Outdoor Recreation Research - Applying the Results, 1974, U.S.D.A. Forest Service Report NC-9, St. Paul, Minn, 112p.
- Stankey, G. H., 1973, Visitor perception of Wilderness Rec. Carrying Capacity, U.S.D.A. Forest Service Paper INT-142 Ogden, Utah, 62p.
- Thomassen, R. D. (No date) Ontario Land Inventory Methodology Series - Wildlife, Ontario Ministry of Natural Resources, Toronto, 71p.
- Tivy, J., 1972, Concept and Determination of Carrying Capacity of Recreational Land in the U.S.A., University of Glasgow, 58p.

### Assorted Readings

1. Course outline. p.2
2. The Concept of Carrying Capacity. p. 10
3. Dynamics of Wildlife Populations - Dasmann p. 16
4. Too Many Deer. p. 35
5. Nutrition affects Fawn Production. p. 40
6. Deer Facts from Seneca Depot. p. 43
7. Swamp Conifer Deeryards in N. Michigan. p. 47
8. Deer range Appraisal in the Midwest. p. 58
9. Forest Succession and Game Abundance. p. 66
10. Carrying Capacity: Maintaining Outdoor Recreation Quality. p. 73
11. Visitor Impact on Newly Developed Campsites. p. 83
12. Ecological Carrying Capacity. p. 87
13. Social Carrying Capacity. p. 91
14. Field Inventory forms. p. 101
15. Limitations on Production of Salmonid Populations in Streams. p. 108

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16. Temperatures and related Factors in Lakes. p. 123
17. Water Chemistry and Lake Productivity. p. 129
18. Visitor perception of Wilderness Recreational Carrying Capacity. p. 137
19. Methods of determining lake capacity for development. p. 141
20. A Technique for evaluating bird habitat. p. 150
21. Methods used for evaluating recreational rivers in Canada. p. 154
22. Wilderness Carrying Capacity. p. 160