***Sustainable Fishery Systems* (Second Edition). Anthony Charles. 2023. John Wiley & Sons Ltd. 650 pp. ISBN 9781119511793.**

Anthony Charles' "Sustainable Fishery Systems" was first published in 2021 by Wiley and stands as a pivotal resource in any discourse on fisheries sustainability. It is his paradigm on fisheries management and is a synthesis of his work over a long career (as shown by over three pages of references in the book to his academic publications; and those were just the ones where he was first author!). This second edition builds on the foundational work of the first, offering an enriched, interdisciplinary exploration of fisheries management that seamlessly integrates ecology, economics, and social sciences. Charles adeptly bridges scientific rigor with policy relevance, presenting updated research, contemporary case studies, and innovative frameworks that address the complexities of modern fishery systems. The book's holistic approach underscores the interdependence of ecological health and human well-being, making it an indispensable guide for policymakers, practitioners, and scholars seeking action strategies for sustainable resource management.

The book's strength lies in its structured yet flexible examination of fishery systems. Chapters delve into critical themes such as governance models, community-based management, climate resilience, and the socio-economic drivers of overfishing. Charles enhances theoretical concepts with global case studies, from small-scale coastal fisheries to industrial operations, illustrating both successes and ongoing challenges. Practical tools—such as adaptive management frameworks, stakeholder collaboration techniques, and resilience assessments—are thoughtfully presented, empowering readers to navigate trade-offs between conservation and livelihoods. While the text acknowledges the difficulty of balancing diverse interests in fishery management, it consistently emphasizes solutions, offering pathways to align ecological limits with socio-economic needs. Notably, the second edition's expanded focus on climate change and globalization reflects the evolving pressures on fisheries, ensuring relevance in a rapidly changing world.

Written with clarity and precision, "Sustainable Fishery Systems" strikes a balance between academic depth and accessibility. Though some sections demand prior familiarity with sustainability concepts, the logical organization, and illustrative diagrams aid comprehen-

sion. Charles' engaging prose and real-world examples make the book suitable for graduate students and seasoned professionals alike.

I was surprised by two significant omissions regarding high profile commercial trap fisheries for lobsters. Firstly, there is a lack of special reference to the ongoing quarter century of conflict over indigenous rights in Canada's largest lobster fishery off southwest Nova Scotia about which he has written elsewhere. Secondly, while Charles outlined the challenges of applying input (effort) controls, he did not extol the virtues of these and other conservation-minded practices. These include return of egg-bearing females, escape vents for undersized lobsters, and bio-degradable panels to minimize ghost fishing by lost traps for managing lobster fisheries. These are among the best examples of sustainable fishery systems in Atlantic Canada (if not the world).

Wiley's polished presentation, including online supplementary materials, enhances the book`s utility as a teaching and reference tool. While the breadth of topics may occasionally overwhelm newcomers (and perhaps a few 'old salts' in the fishery like me), the book's systemic perspective is a vital contribution to the field. For anyone whose life is invested in the future of fisheries—whether fisher researcher, manager, or advocate—this edition is a compelling, comprehensive roadmap toward equitable and enduring sustainability.

Geoffrey V. Hurley
39 Burnaby Lane,
Dartmouth, Nova Scotia B2W 0H4
hurleyenvironment@gmail.com