


OCEAN OUTPOST

The Future of Humans Living Underwater

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 Springer

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Ocean Outpost is an undersea roadmap charting the future of humankind's exploration of Earth's last vast unexplored territory. To realize the goal of an extended human presence underwater a wealth of new technologies will be developed, such as new manned and unmanned submersibles, advanced propulsion systems, underwater rescue systems, decompression methods, and revolutionary physiological intervention strategies ranging from liquid ventilation to artificial gills. Some technologies will require quantum leaps forward in innovation, while others may appear even more daunting.

Ocean Outpost

- identifies the key determinants of life or death in the extreme environment of the deep ocean;
- provides a unique insight into near-future diving medicine, technology, submersibles, and undersea habitats;
- describes how people are trained to 'fly' the new breed of underwater submersibles;
- analyzes the exploitation of ocean resources for energy, minerals, and medicines.



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