

Epilogue

With its outstanding resistances to corrosion by seawater, comparable to that of platinum, titanium is also a "metal for the sea".

The field of ocean development, in which many of man's dreams for the future are being realized, encompasses an expanding variety of uses for titanium, such as equipment and components for ships, including deep-sea submersible vehicles, and equipments required for seabed resources, oil wells on continental shelves, off-shore fish farms, bridges across the sea, artificial islands, and cities on the sea.

In addition to these uses, titanium is also used for its beauty and other special features in the manufacture of articles of daily necessity, including eyeglass frames, cameras, writing instruments, cigarette lighters, jewelry, and a variety of sports goods, such as tennis and badminton racket frames, golf club shafts, bicycles, motorcycles, yachts and mountain-climbing equipment.

Because of its bioacceptability, titanium is also attracting attention as a material for the manufacture of articles for medical purposes, such as artificial bones, artificial dental implants and heart pacemakers, thus indicating that the metal is bound to become an indispensable material as the elderly population continues to increase.