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| Category | Brief Introduction |
| Marine Carbon Neutral | Climate change is a common crisis towards all of us: global warming, rising temperature and rising sea-levels. It will not only cause socio-economic losses, but affect the balance and development of the ecosystem. Low carbon transition is the common interest and responsibility of human being. |
| Marine Pollutant Transfer | For reducing the use of fossil fuels, human began to promote nuclear energy. However, people have been subjected to a series of risks while enjoying convenience, such as nuclear wastewater, POPs, heavy metals, etc. |
| Extreme Weather Conditions | The oceans absorb most of the solar radiation energy that reaches the earth, while the Equator receives much more energy than the Poles, the massive ocean currents horizontally and vertically are formed, which result in the global circulation of heat. The large amount of energy captured by the oceans also breeds many extreme climate phenomena such as El Nino and La Nina. |
| Marine Microplastic | As the spread of COVID-19, so does the amount of plastic waste people is producing. An international environmental organization estimated that 1.56 billion masks have flown into the ocean in 2020, which will threaten the marine creatures. What’s more, zoologists found a penguin carcass off the coast of Brazil last September. After autopsying, they found a N95 face mask in its stomach. |
| Marine Endangered Species | The United Nations has released the Second Global Integrated Marine Assessment, which stated that in the past 50 years, the low-oxygen seas of the world have tripled. Nearly 90 percent of mangroves, seagrasses and wetland plants and more than 30 percent of seabirds are threatened with extinction. The number of "dead zones" of the ocean with very low oxygen levels has increased from more than 400 in 2008 to nearly 700 nowadays. The economic losses caused by overfishing amount have risen to $88.9 billion annually. The overall state of global marine conservation is bleak, with broad and far-reaching direct environmental and socio-economic impacts. |
| Marine New Energy | Ocean is not only rich in mineral resources, but also has inexhaustible marine energy. The ocean contains renewable natural energy, such as tidal energy, wave energy, current energy, seawater temperature difference energy and seawater salt difference energy. In a broader sense, marine energy also includes the wind energy, solar energy and the marine biomass energy. The marine energy industry is conducive to improving environmental efficiency and the sound development of a low-carbon ocean economy. |
| Innovation Marine Sustainable Management | In recent years, many countries have abandoned their previous practice of predatory exploitation of the ocean. Marine ecological restoration is one of the top tasks of the world, human have already given top priority to maintaining the ecological balance of the oceans, protecting biodiversity and achieving sustainable development of the marine economy. |
| Marine Ecological Restoration | There is only one Earth. It’s hard for us to protect the marine environment since we have to develop the economy rapidly. So considering the sustainable exploration and construction of the oceans are very crucial nowadays. |
| Ocean-related Stories | Marine culture is the resilient will and adventurous spirit gradually formed by countries and regions in the process of exploring the ocean. Different ocean-related local customs reflects the characteristics and human temperament of different regions. |
| Guardians of Ocean | The ocean is the cradle of life，the home of the storm. The ocean and human beings are interdependent. The concerning for the ocean is the fundamental to the development of a virtuous cycle of its own ecosystem. Caring for the ocean is the premise of protecting the ocean. As the "guardians of the blue Planet", please tell us some stories between you and the ocean. |