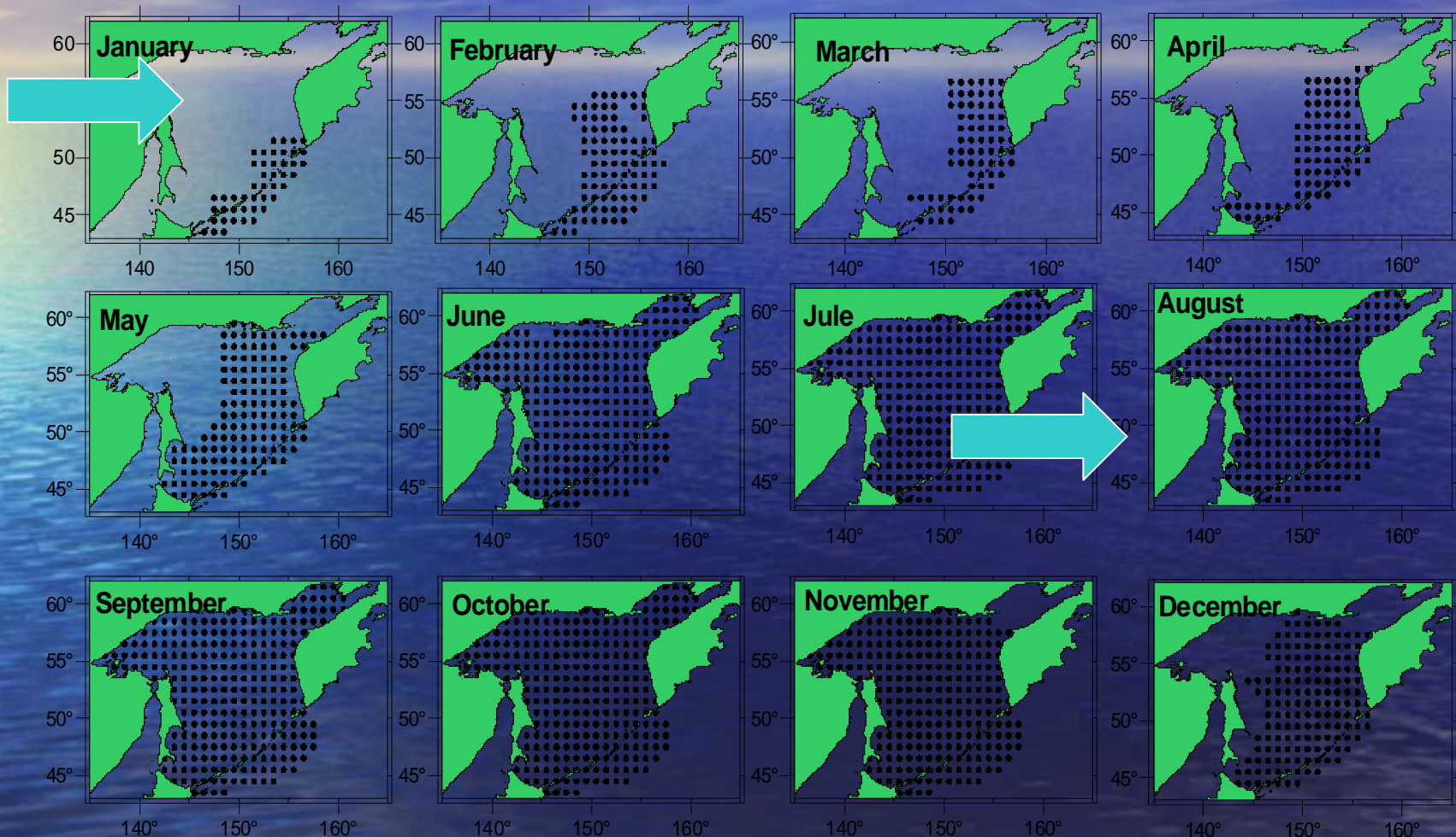


INTRAANNUAL CHANGES OF THE DISSOLVED OXYGEN IN AN ACTIVE LAYER OF THE OKHOTSK SEA.

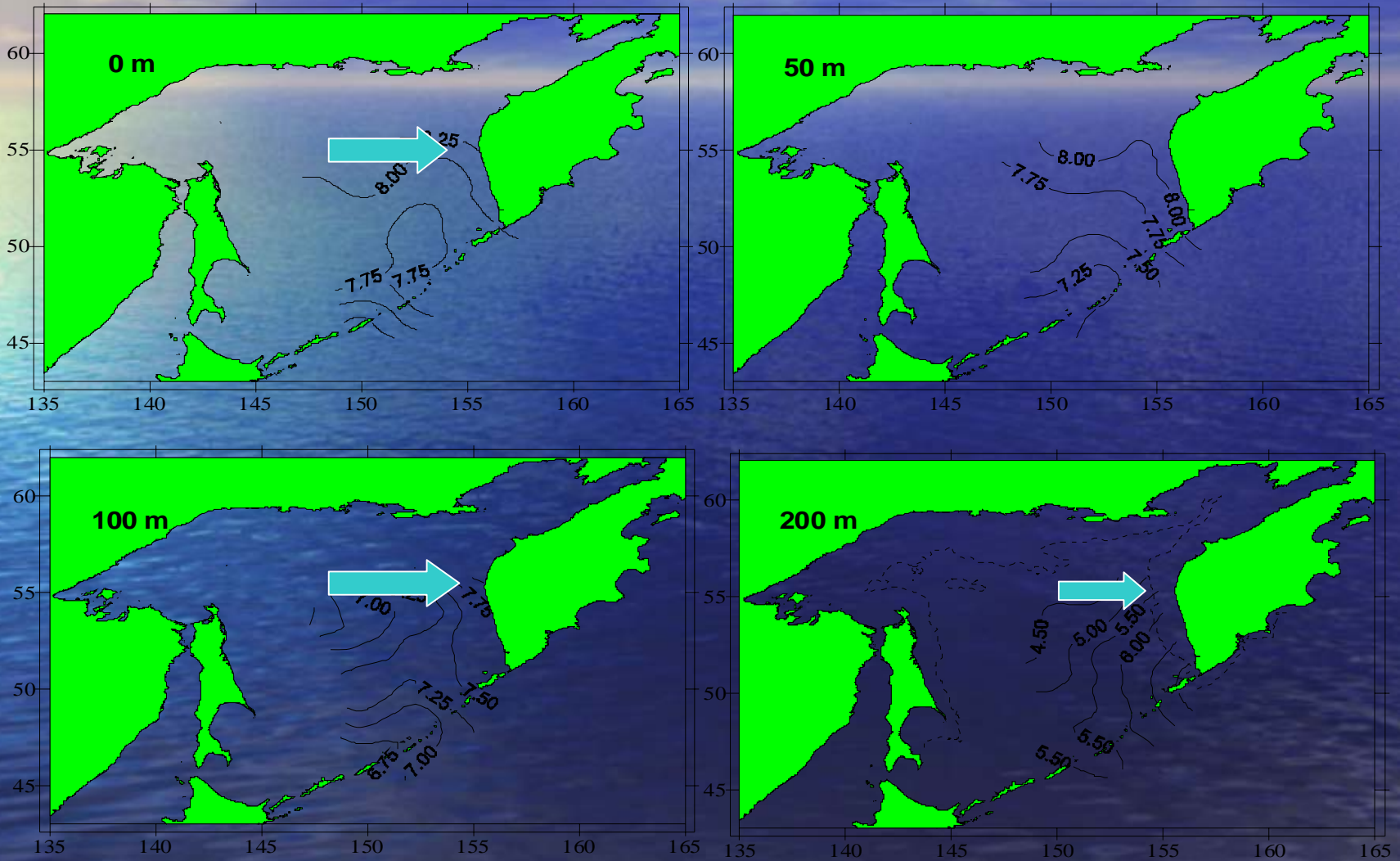
Matveev V.I.

Pacific research and fisheries centre (TINRO-CENTRE).

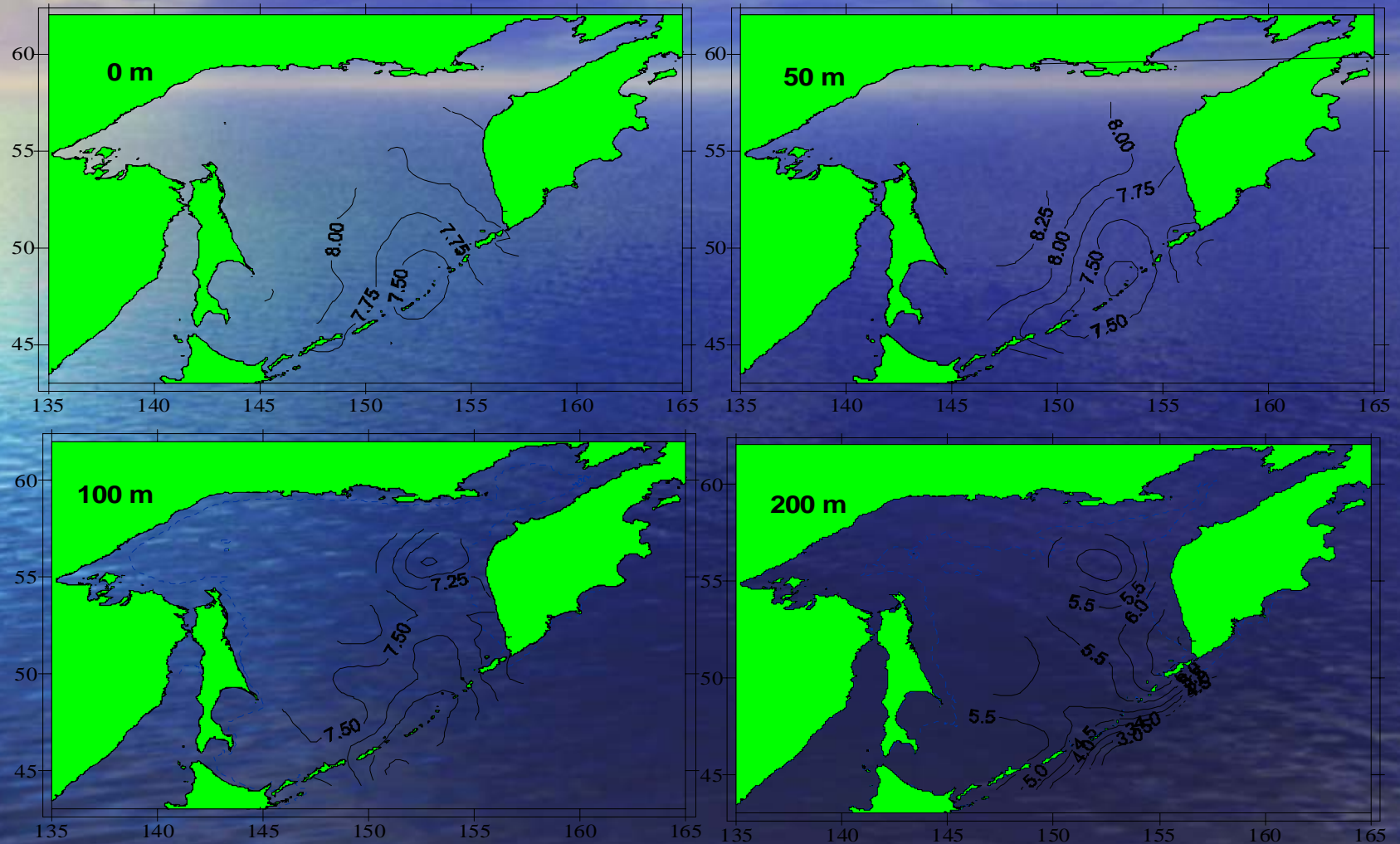
Security of sea of Okhotsk the data on the dissolved oxygen



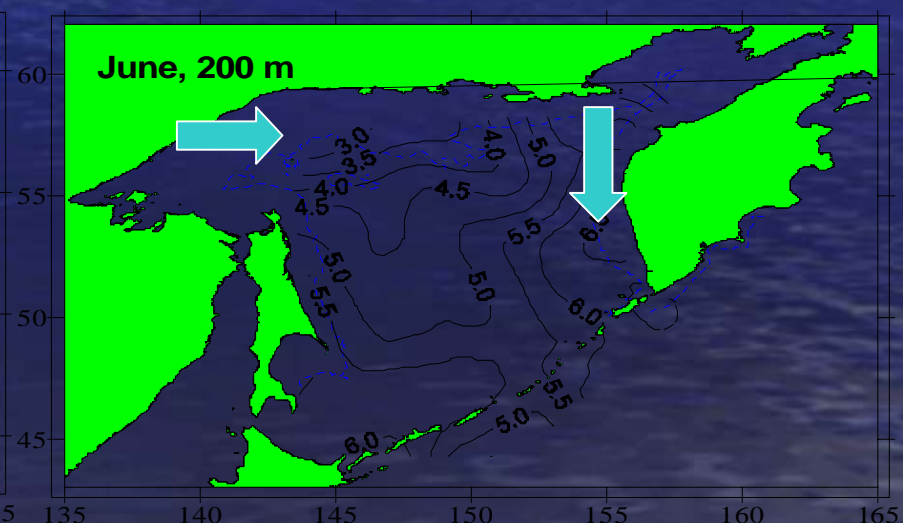
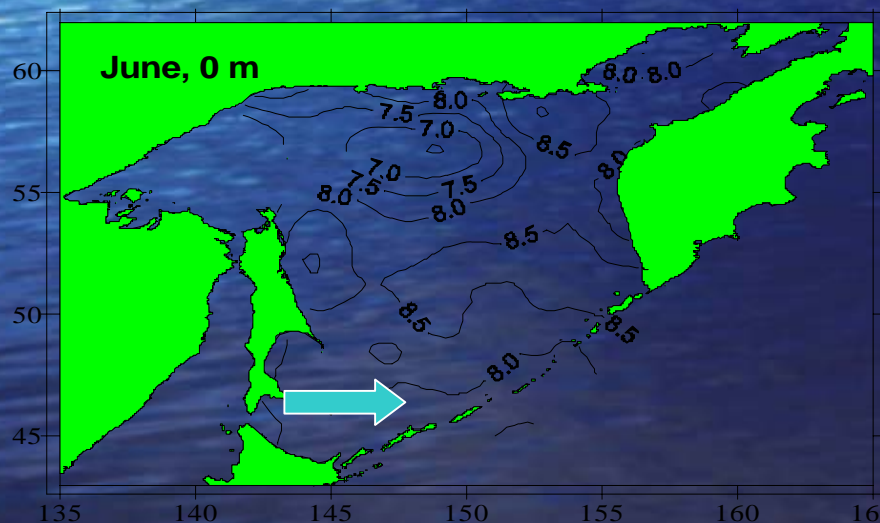
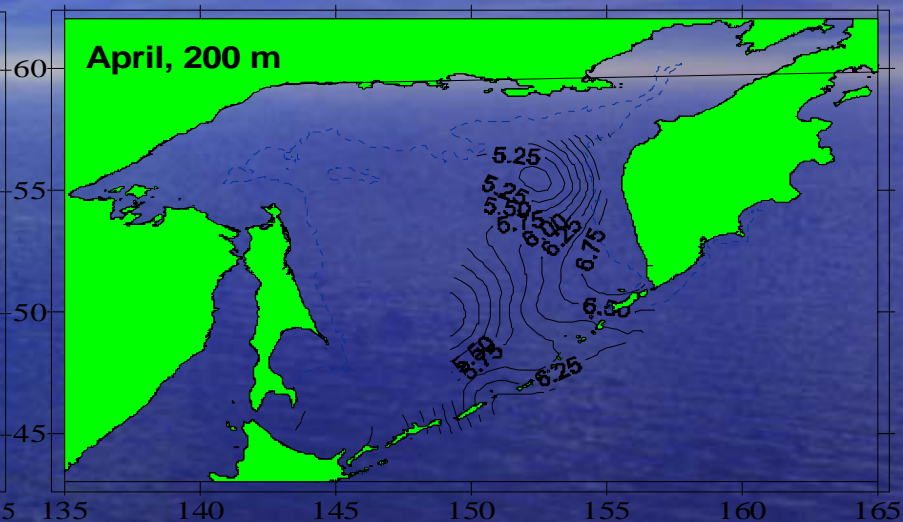
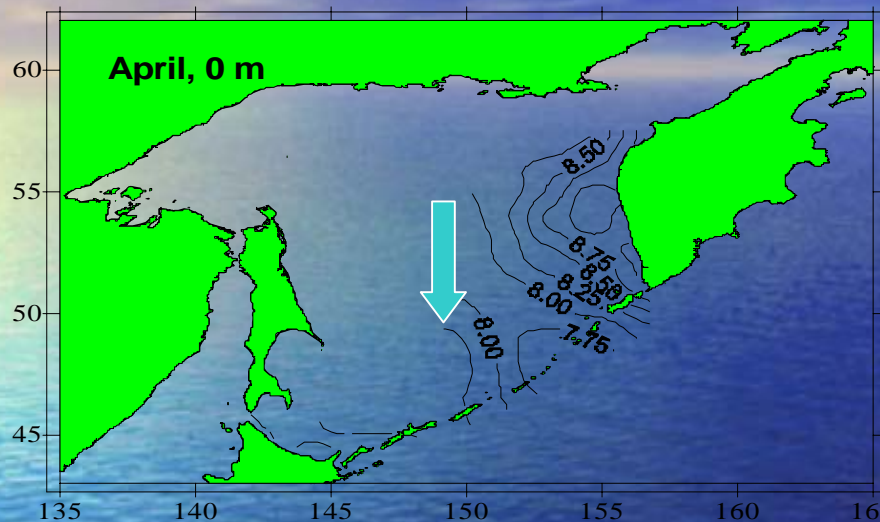
Distribution of the dissolved oxygen (ml /l) in February



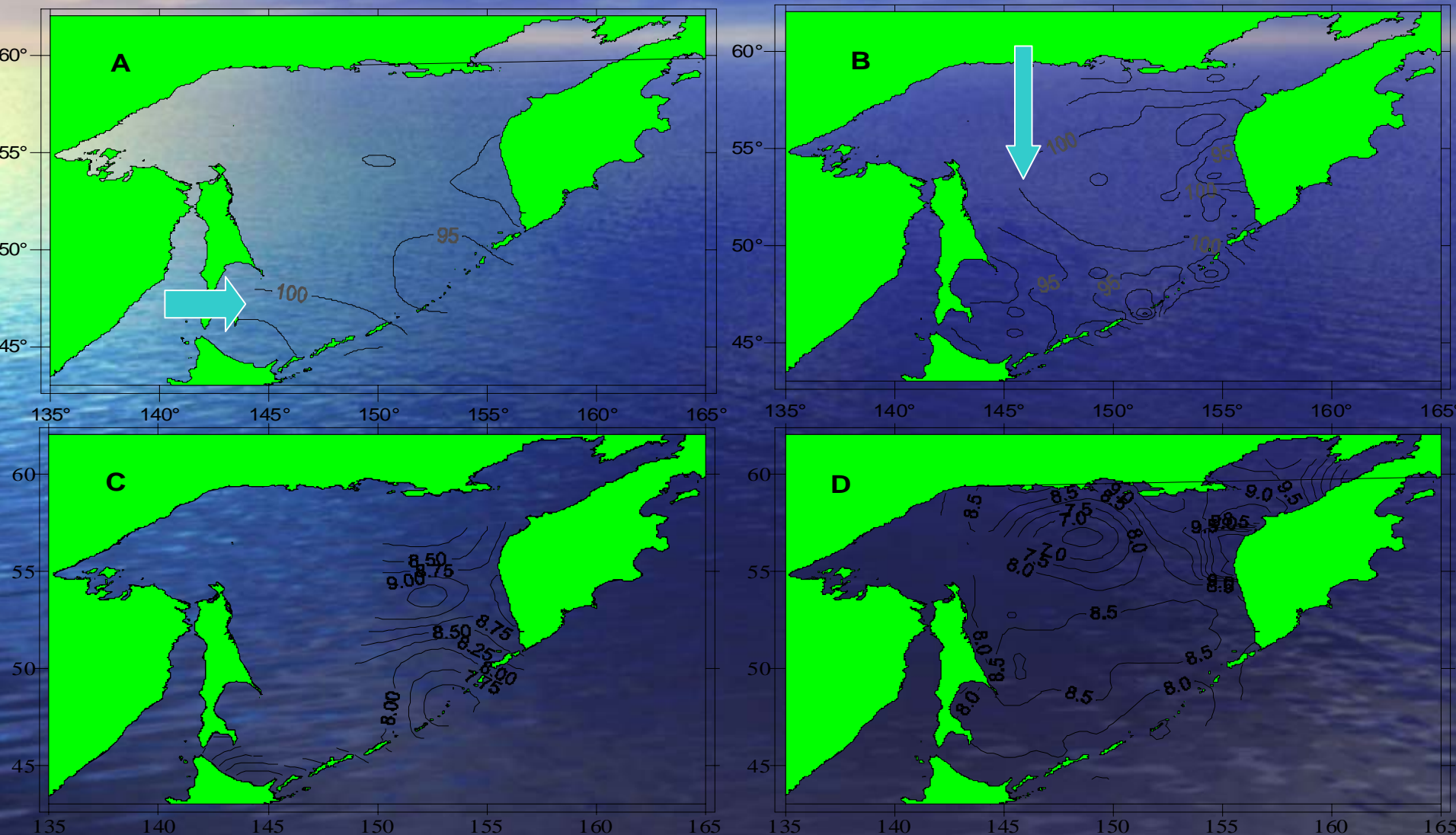
Distribution of the dissolved oxygen (ml/l) in March



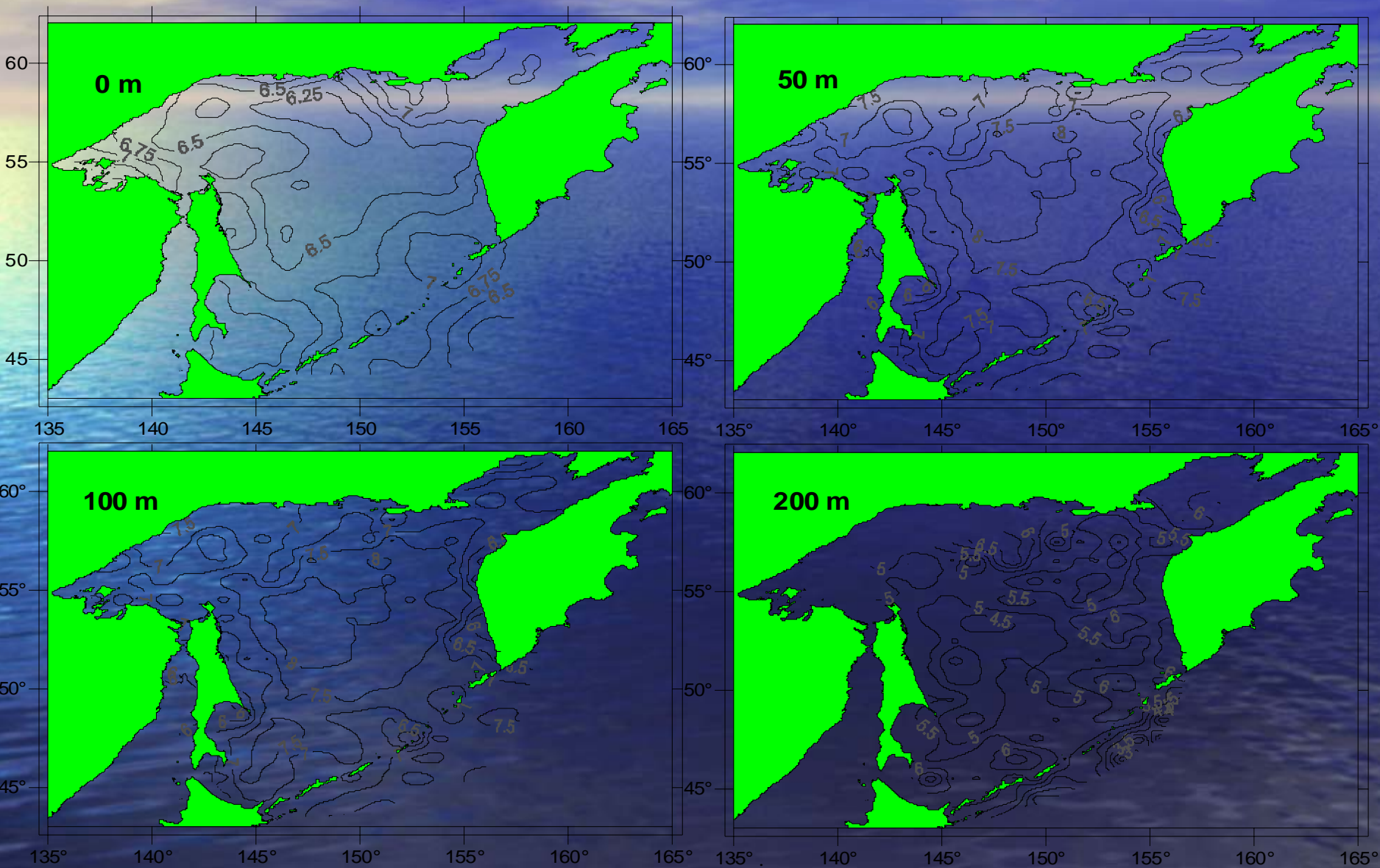
Distribution of the dissolved oxygen (ml /l) in April and in June



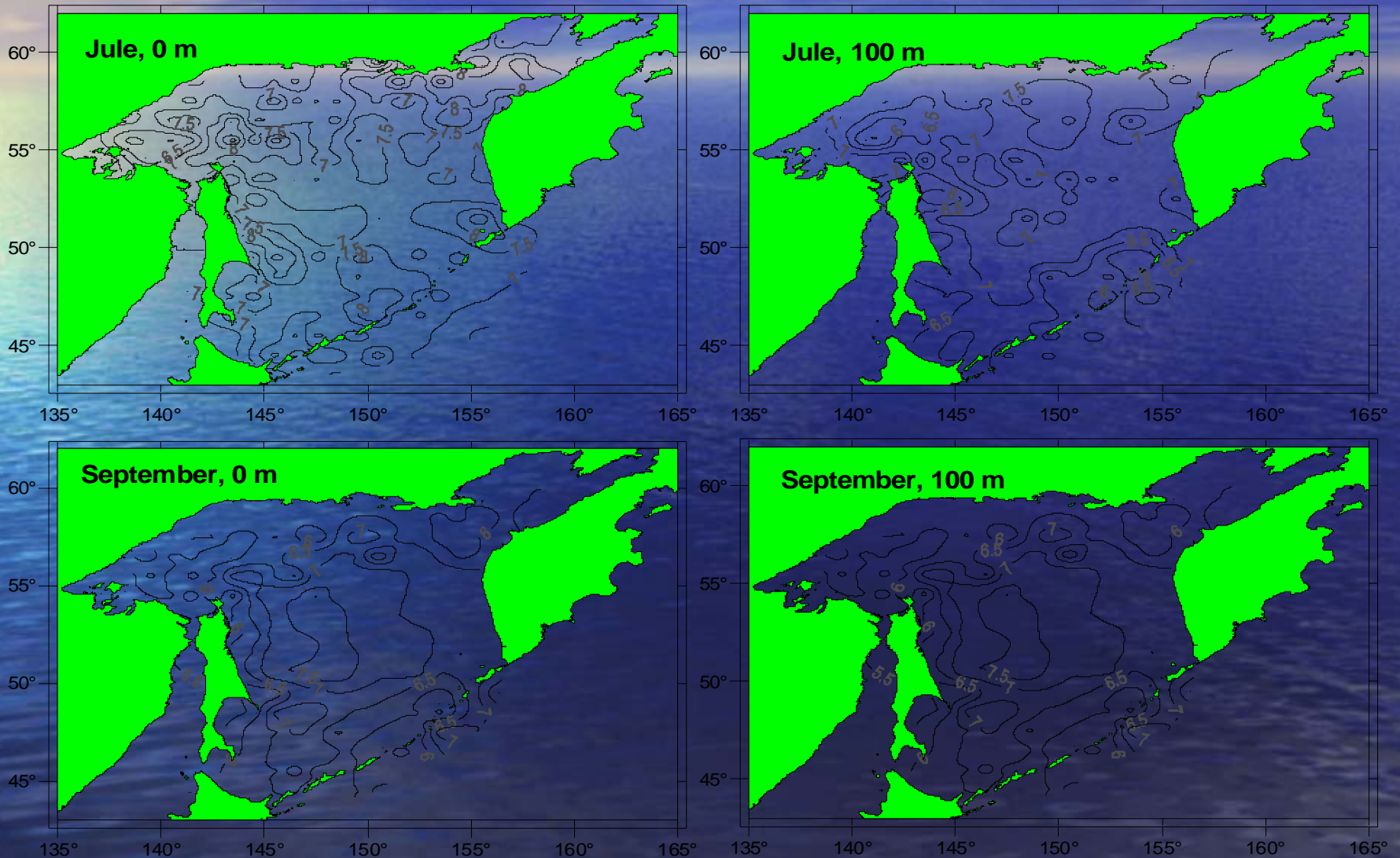
Distribution of the relative contents of the dissolved oxygen in April (A) and May (B) on horizon of 50 m and the dissolved oxygen in April (C) and June (D) on horizon of 20 m



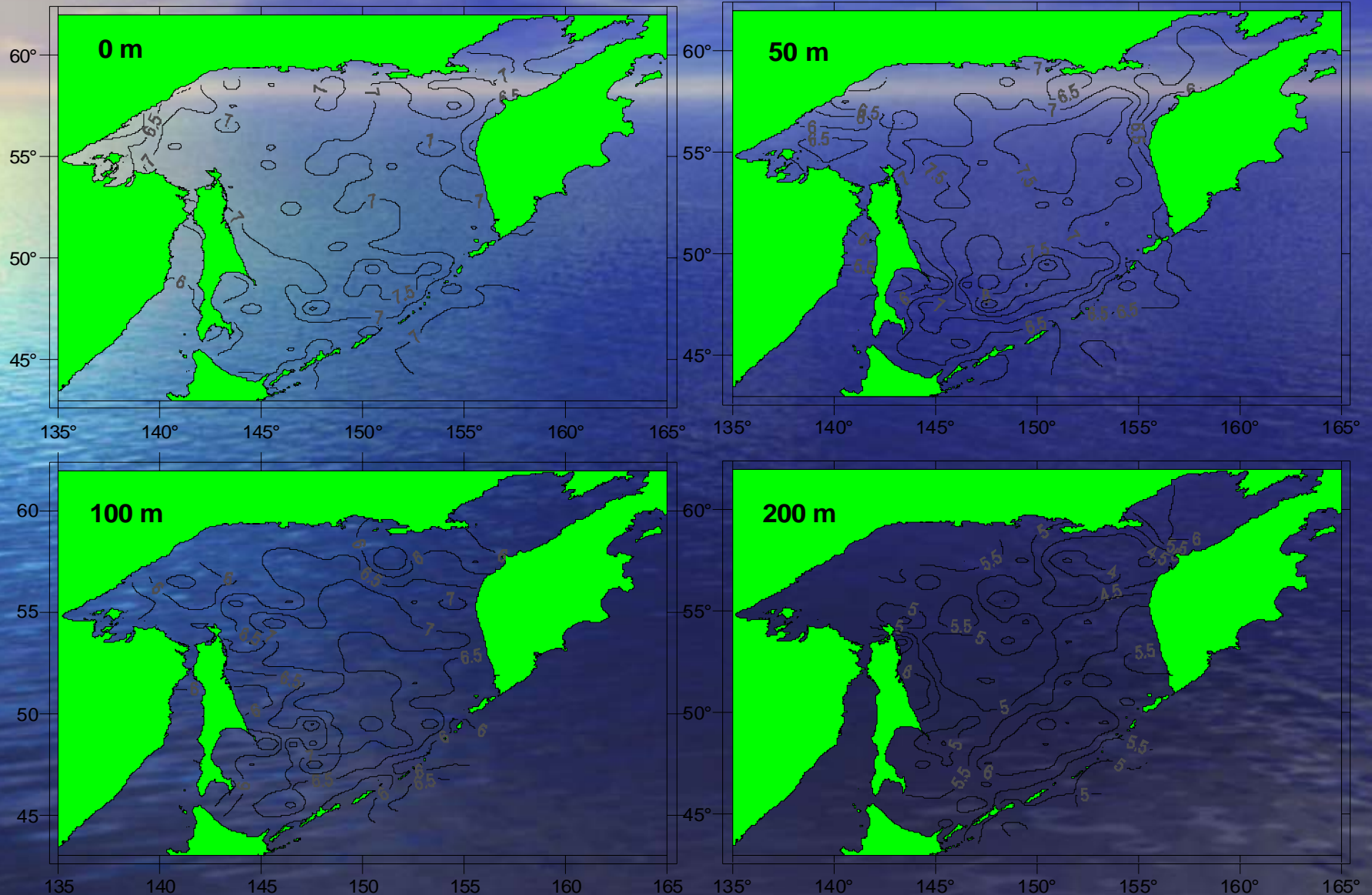
Distribution of the dissolved oxygen (ml /l) in August



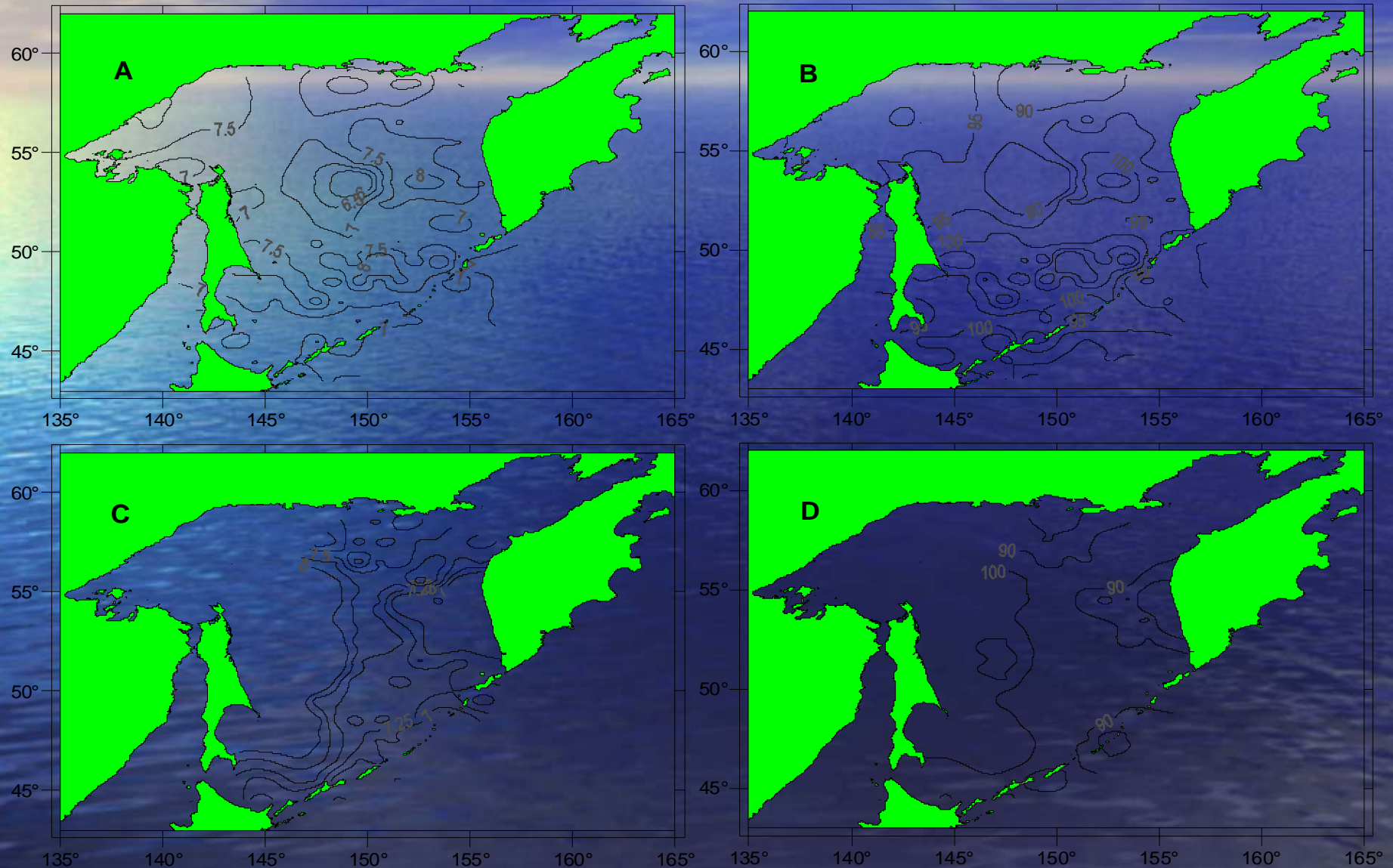
Distribution of the dissolved oxygen (ml / l) in July and September



Distribution of the dissolved oxygen (ml / l) in October



Distribution of the dissolved oxygen (ml/l) and the relative contents of oxygen on a surface in November (A, B) and in December (C, D)



CONCLUSIONS

- **THE STRUCTURE OF THE FIELD OF THE DISSOLVED OXYGEN CHANGES DURING ONE YEAR**
- **FOR A SUMMER:**
- **IN THE LAYER OF 0-100 M TYPICALLY REDUCTION OF CONCENTRATION OF THE DISSOLVED OXYGEN FROM CYTEΦД AREAS THE SHELF ZONE**
- **IN THE LAYER OF 100-200 M INCREASE IN CONCENTRATION OF THE DISSOLVED OXYGEN FROM THE CENTRAL AREAS TO THE SHELF ZONE**
- **FOR WINTER:**
- **WITH DEPTH THE STRUCTURE OF THE FIELD OF THE DISSOLVED OXYGEN DOES NOT CHANGE. GROWTH OF CONCENTRATION FROM THE CENTRAL AREAS OF THE SEA TO THE SHELF ZONE IS MARKED.**



THANKS FOR ATTENTION