Annex 3 Coastal figures

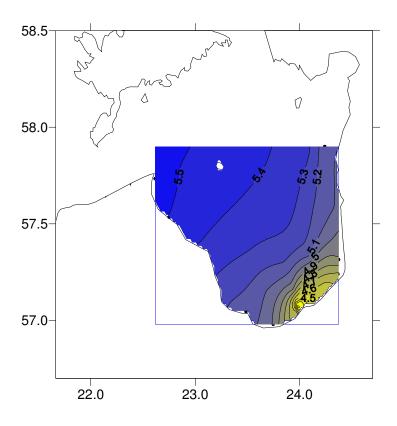
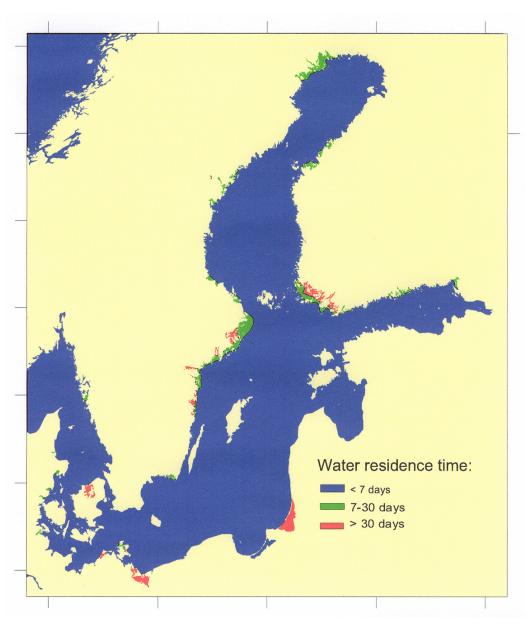


Figure 1. Mean annual surface leyer (0-10m) salinity in the Gulf of Riga part covered by Latvian marine environmental monitoring programme, data of 1993- 2002.

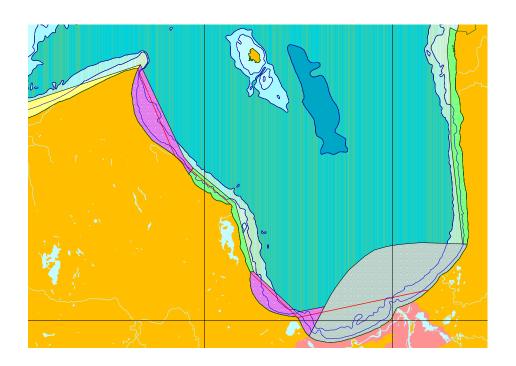
Spatial distribution of water residence time as estimated by CHARM WP1 (Typology) (Sj \bar{o} berg, 2003).

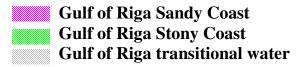


Modified draft of CHARM Typology (Version: 14. April 2003)

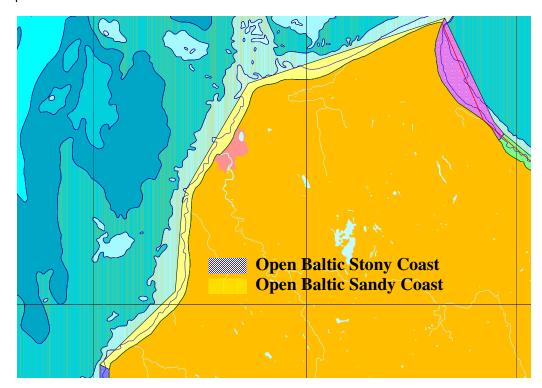
Salinity (PSU)																																
0.5 - <7 (oligohaline)											7 - 18 (mesohaline)						>18 (polyhaline)															
I	Ice cover: <150 days Ice cover: >150 days																															
Water residence time (days) Water sidence time (days)										Water residence time (days)						Water residence time (days)																
<7 7 - 30 >30				<7 7 - 30				^	>30		<7		7 - 30			>30		<7			7 - 30			>30								
Fully Mixed	Partially stratified	F 30.7 75 -17	Zermanentiv Arratitled	Fully Mived	Partially stratified	Permanently Stratified	Fully Mixed	Partially stratified	Fully Mixed	Partially stratified	Permanently Stratified	Fully Mixed	Partially strafified	Permanently Stratified		Partially stratified	Eully Miyed	Dartially stratified	Dermonently Stratified	Fully Mixed	Partially stratified	Dermonently Stratified	Fully Mixed	Partially stratified	Fully Miyed	Partially stratified	Permanently Stratified	Fully Mixed	Partially stratified	Permanently Stratified	Fully Mixed	Partially stratified

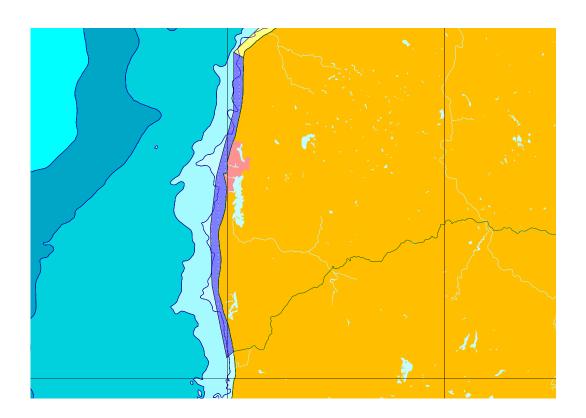
Graphical representation of transitional and coastal water bodies in the Latvian part of the Gulf of Riga.





Graphical representation of transitional and coastal water bodies in the Latvian part of the open Baltic Sea.





Summary of Latvian coastal water typology.

	Salinity (PSU)	Depth (m)	Wave exposure	Mixing	Residence time (d)	Substratum	Ice coverage (d)
South- eastern exposed Sandy coast	6<18-20	<30	exposed	perm.full	<7	sand- gravel	Irregular
South- eastern exposed Stony coast	6<18-20	<30	exposed	perm.full	<7	cobble	Irregular
Gulf of Riga Sandy Coast	113/0	<30	moderatly exposed	perm.full	<7	sand- gravel	Irregular
Gulf of Riga Stony Coast	0.5 < 6	<30	moderatly exposed	perm.full	<7	cobble	Irregular