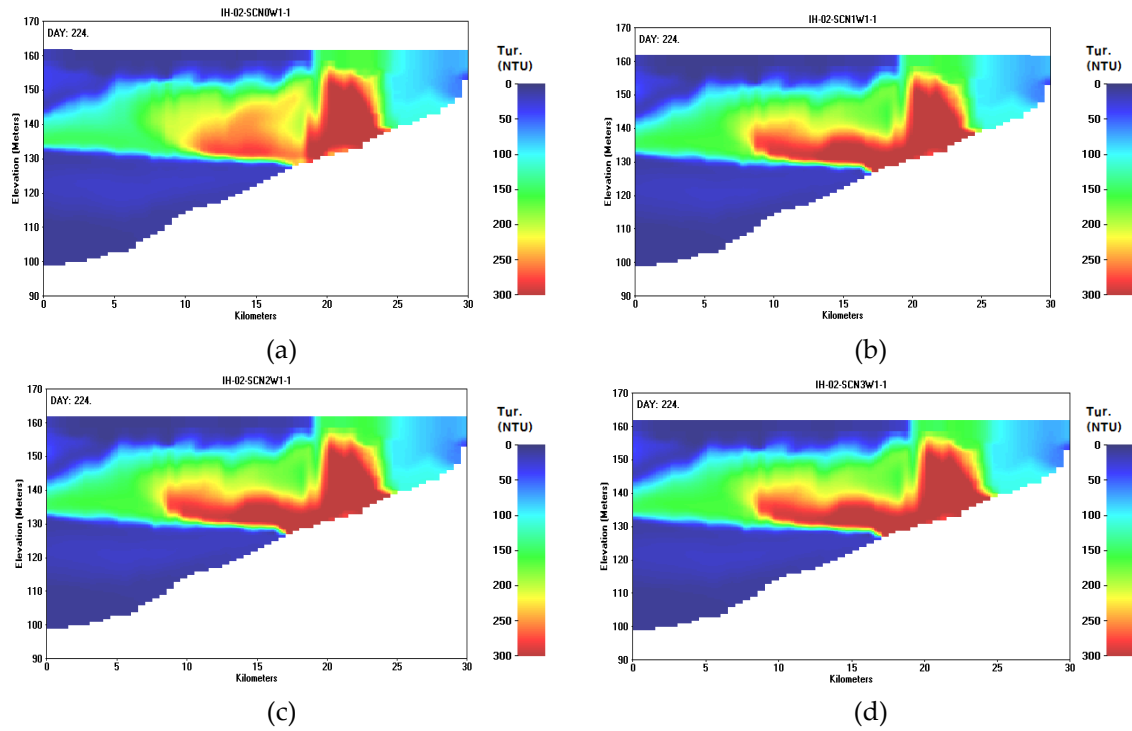
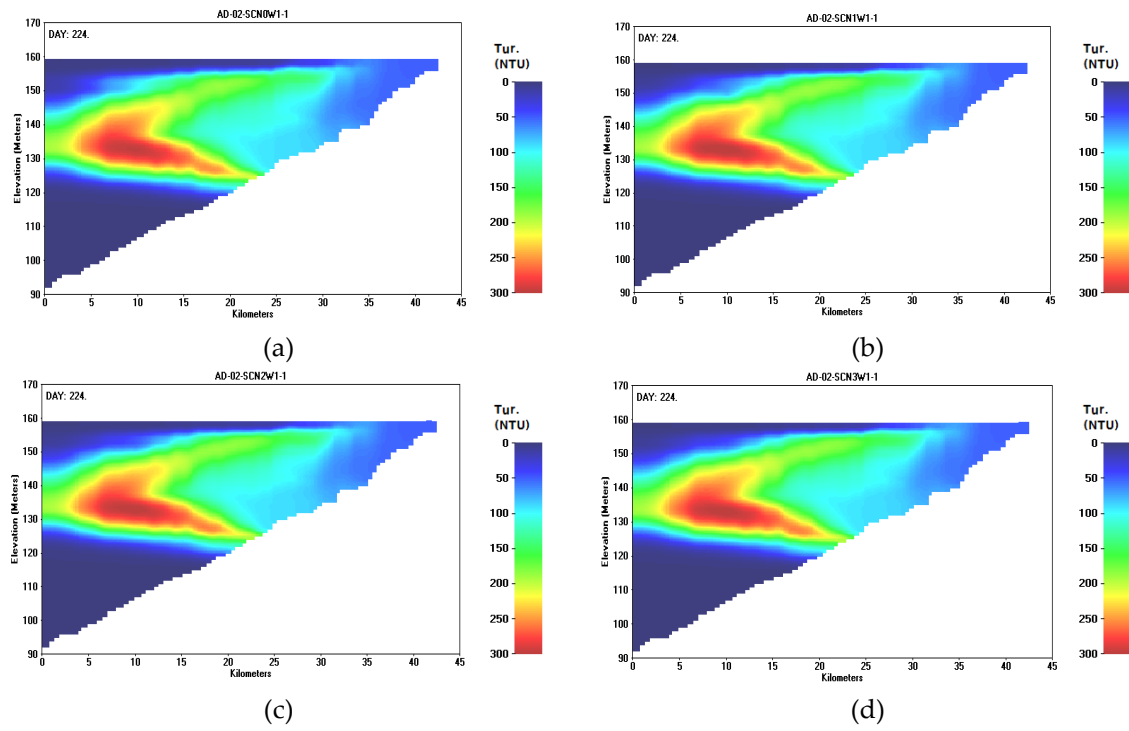


# Modeling of Turbidity Variation in Two Reservoirs Connected by a Water Transfer Tunnel in South Korea

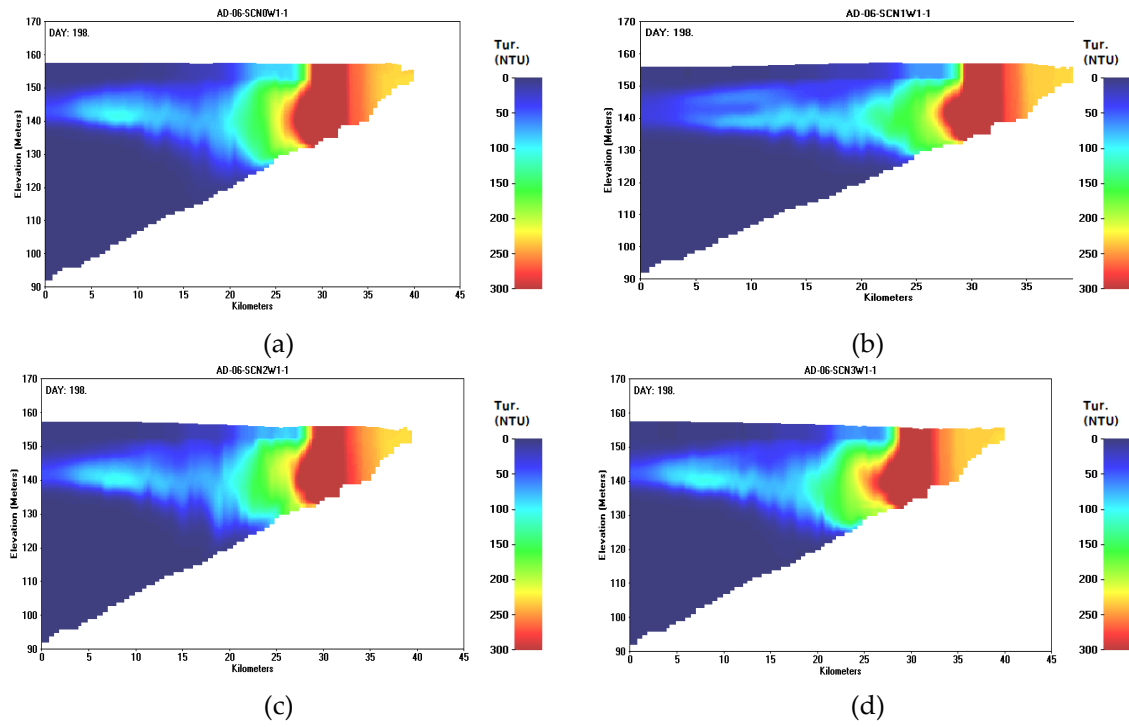
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**Figure s1.** Two-dimensional turbidity distribution on 2002/08/12 (Case 2) at Imha reservoir; (a) Without tunnel; (b) Withdrawal 1 (EL. 141.0m); (c) Withdrawal 2 (EL. 146.5m); (d) Withdrawal 3 (EL. 152.0m).



**Figure s2.** Two-dimensional turbidity distribution on 2002/08/12 (Case 2) at Andong reservoir; (a) Without tunnel; (b) Withdrawal 1 (EL. 141.0m); (c) Withdrawal 2 (EL. 146.5m); (d) Withdrawal 3 (EL. 152.0m).



**Figure s3.** Two-dimensional turbidity distribution on 2006/07/17 (Case 4) at Andong reservoir; (a) Without tunnel; (b) Withdrawal 1 (EL. 141.0m); (c) Withdrawal 2 (EL. 146.5m); (d) Withdrawal 3 (EL. 152.0m).