

Introduction

The supporting information contains nine supporting figures in the results section, including hydrological process curves figures, inundation schematic figures, and comparative analysis figures of impact factors.

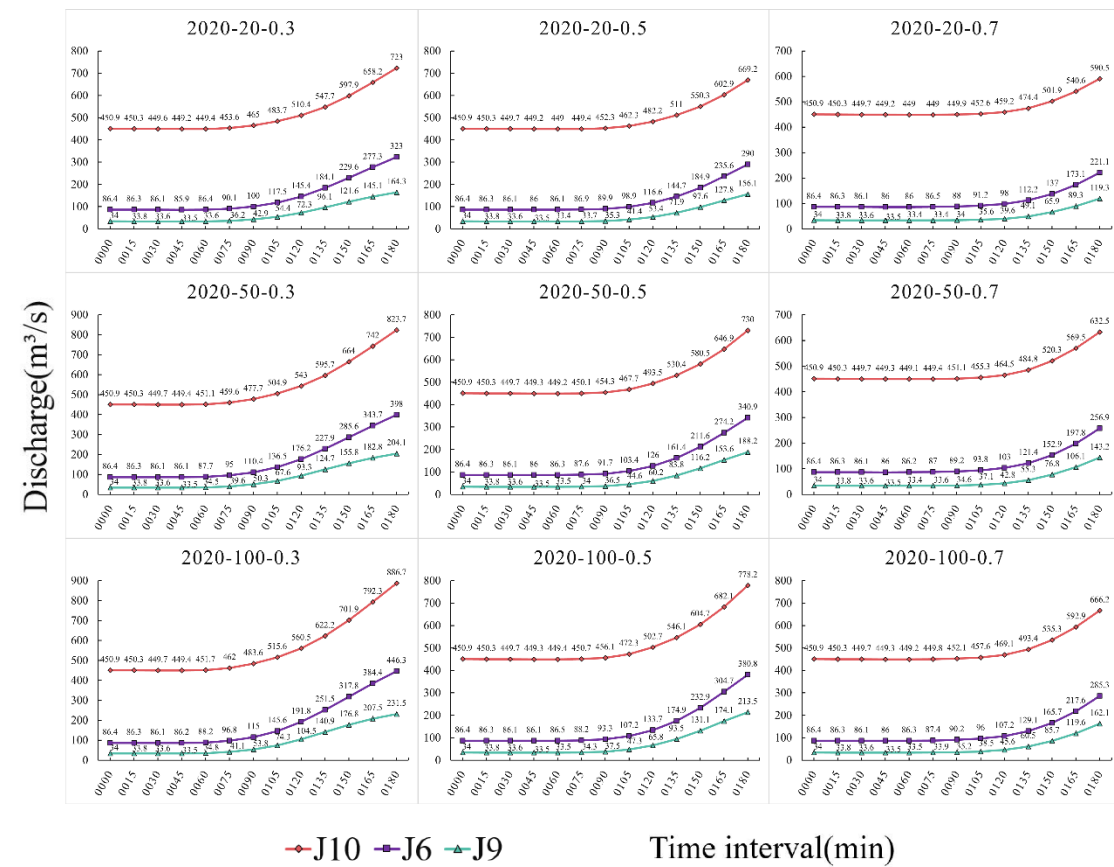


Fig S1 Hydrologic process curves at three nodes for different recurrence period to peak ratio scenarios (2020 land use).

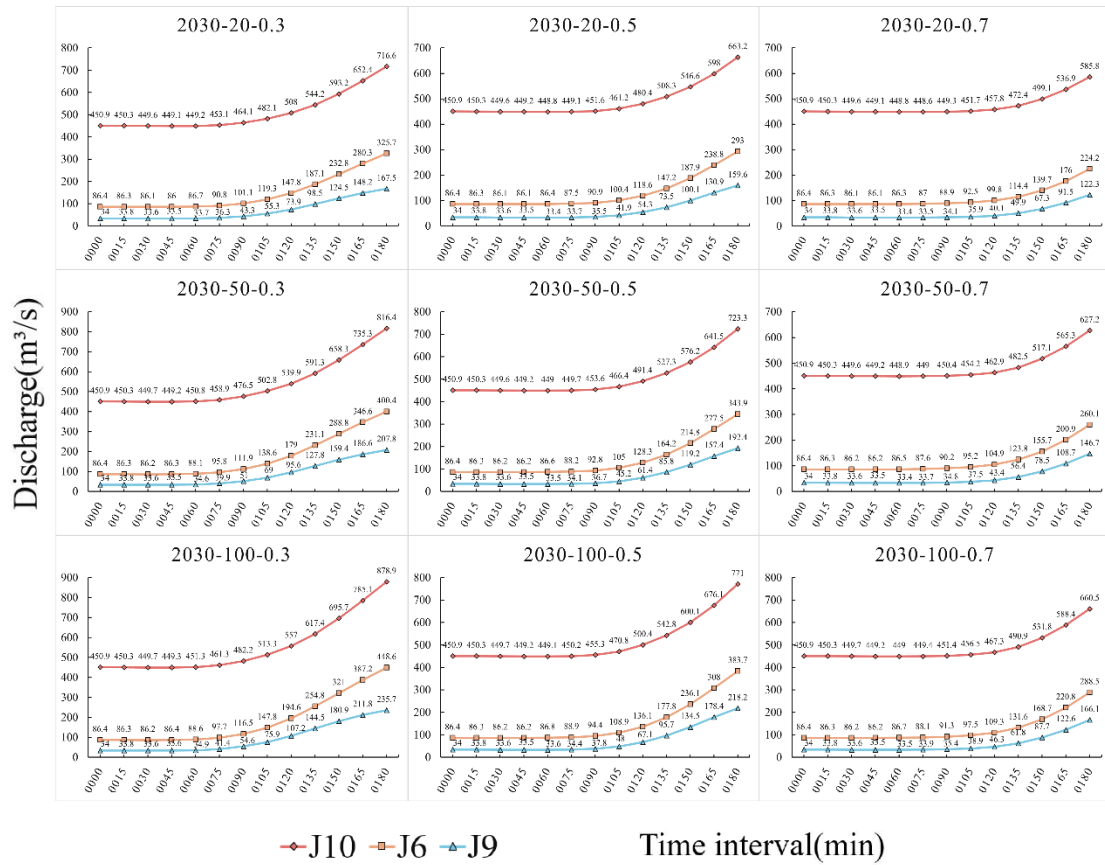


Fig S2 Hydrologic process curves at three nodes for different recurrence period to peak ratio scenarios (2030 land use).

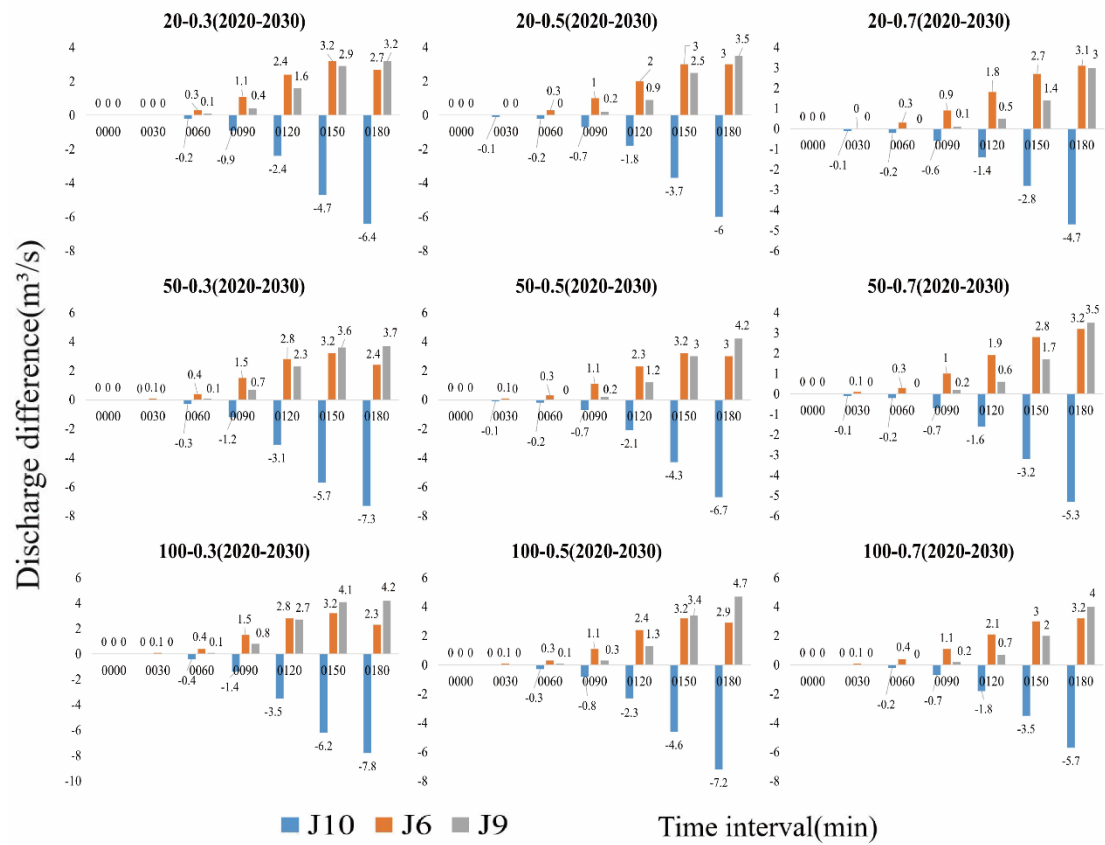


Fig S3 Comparison of the difference in runoff simulation results at each node between 2020 and 2030.

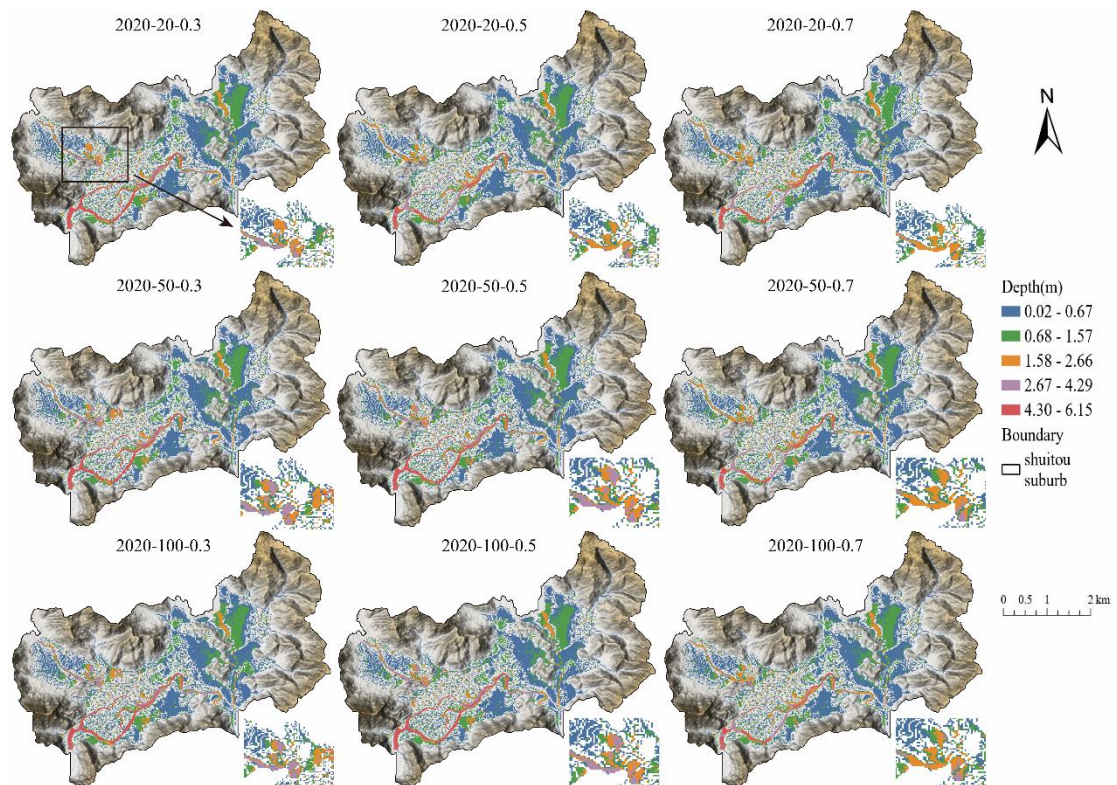


Fig S4 Schematic of 2020 inundation simulation results.

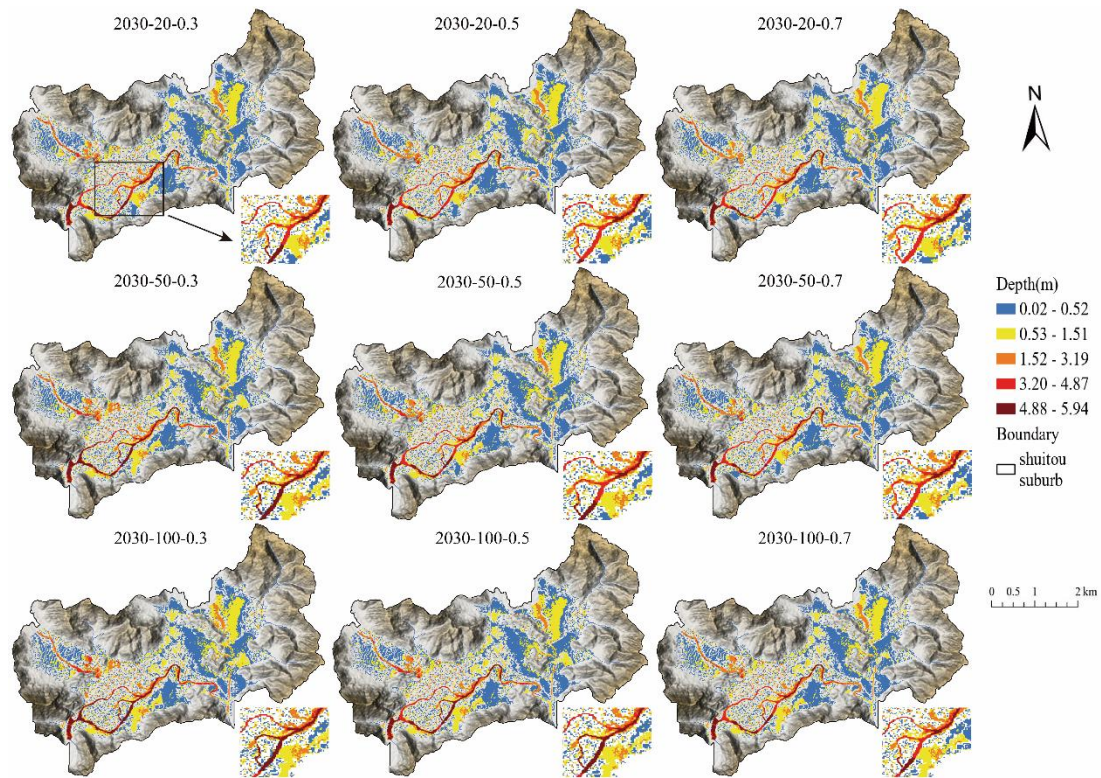


Fig S5 Schematic of 2020 inundation simulation results.

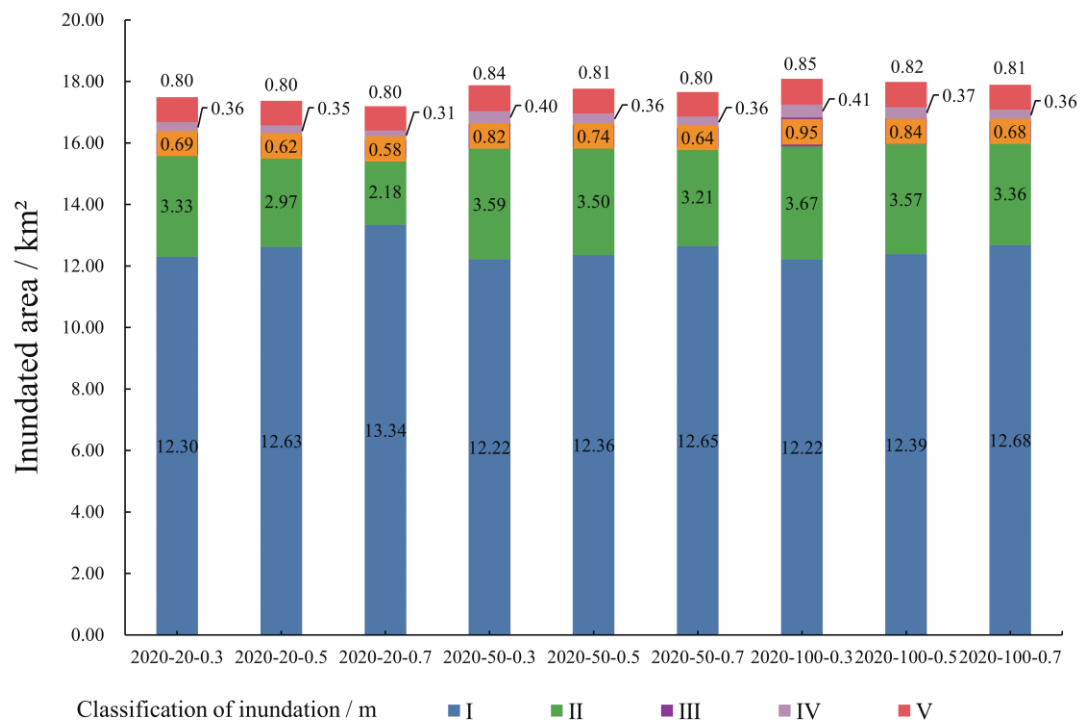


Fig S6 Percentage of inundated area with different inundation levels in the 2020 modeled scenario.

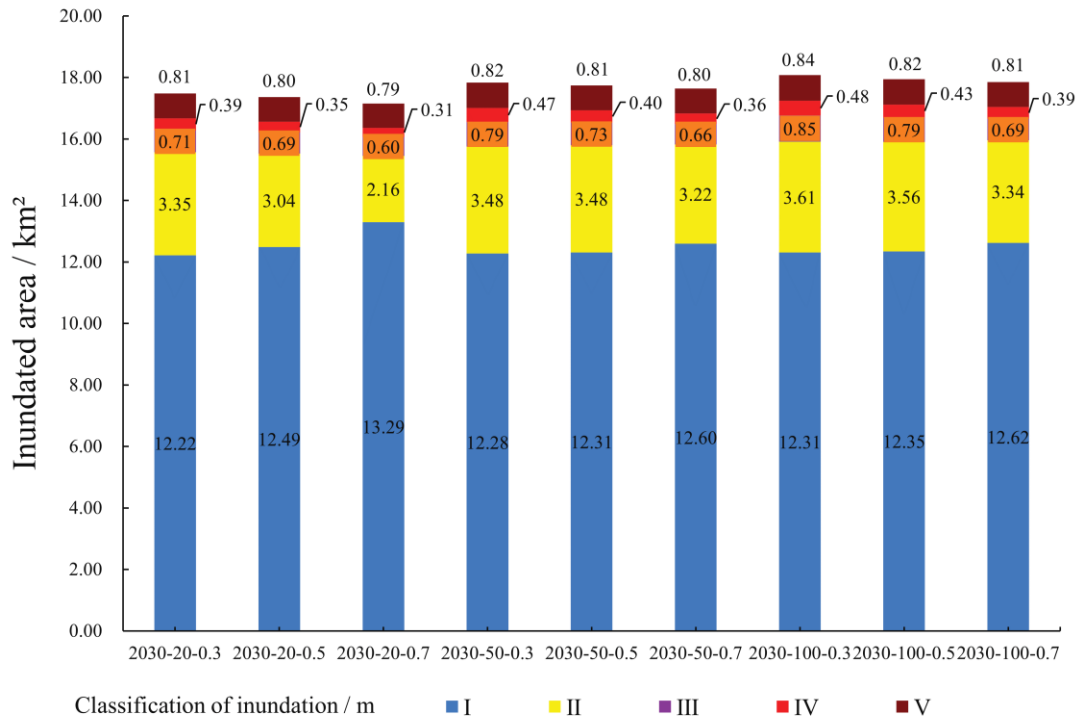


Fig S7 Percentage of inundated area with different inundation levels in the 2030 modeled scenario.

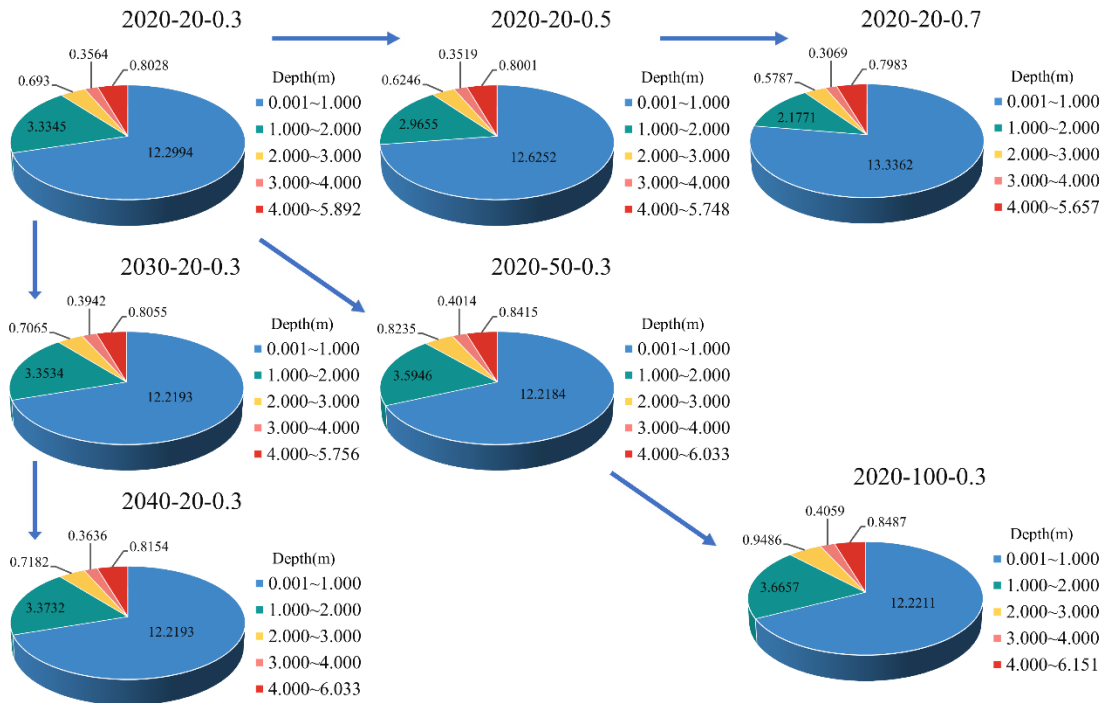


Fig S8 Comparative Analysis of Multi-Scenario Impact Factors in 2020 (numbers indicate area).

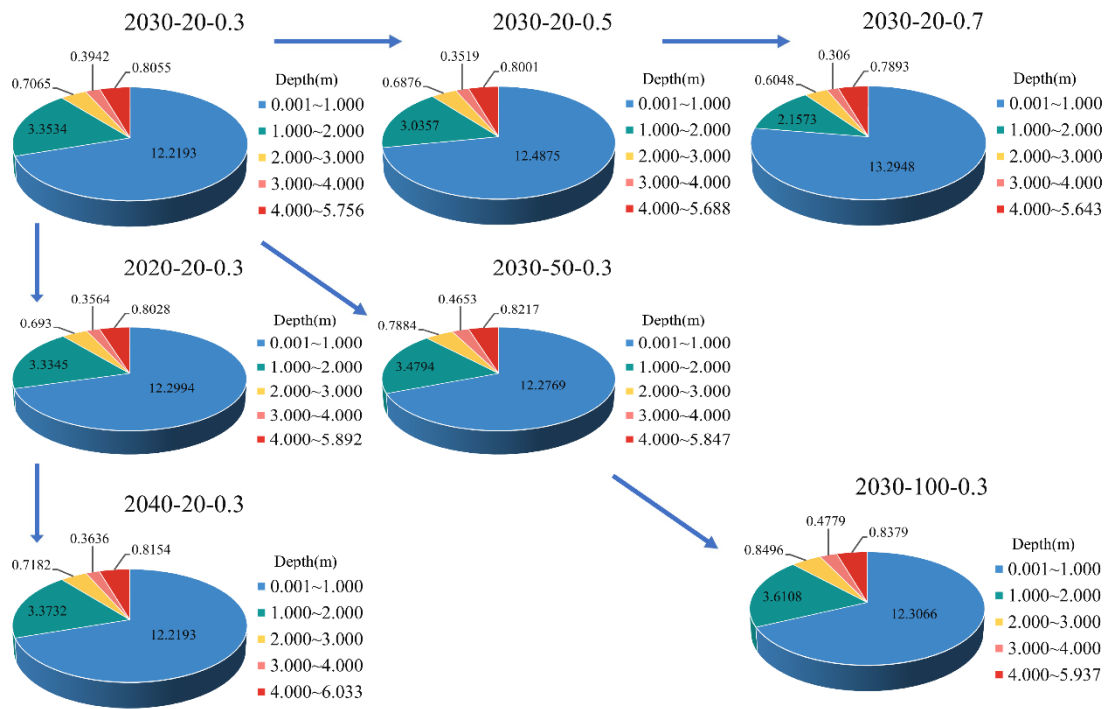


Fig S9 Comparative Analysis of Multi-Scenario Impact Factors in 2030 (numbers indicate area).

