

Close caption

Figure 1. Location map of the study area. A) Mexico; B) San Luis Potosi State and C) San Luis Potosi Basin

Figure 2. Conceptual cross-section model of the SLPB aquifer system. Adapted from Hernández-Constantino (2020) [43]

Figure 3. Methodology of this work

Figure 4. Geology map of the San Luis Potosi Basin

Figure 5. Slope map of the San Luis Potosi Basin

Figure 6. Lineament Density (LD) map of the San Luis Potosi Basin

Figure 7. Drainage Density (D) map of the San Luis Potosi Basin

Figure 8. Rainfall map of the San Luis Potosi Basin

Figure 9. Land Use and Land Cover of the San Luis Potosi Basin

Figure 10. Topographic Wetness Index of the San Luis Potosi Basin

Figure 11. Groundwater Potential Zones Map of the San Luis Potosi Basin

Figure 12. Receiver Operating Characteristic (ROC) curve for groundwater potential map validation