

TABLE 4 Variation in the NDVI in the Ba River watershed from 1990 to 2014.

Rate of NDVI change	Significance level	Trend of vegetation change	Area percentage (%)
≥ 0.0005	$P < 0.05$	Significant improvement	26.09
≥ 0.0005	$P > 0.05$	Slight improvement	21.74
$-0.0005 - 0.0005$	$P > 0.05$	Stability	17.39
≤ -0.0005	$P > 0.05$	Slight degradation	30.43
≤ -0.0005	$P < 0.05$	Severe degradation	4.35