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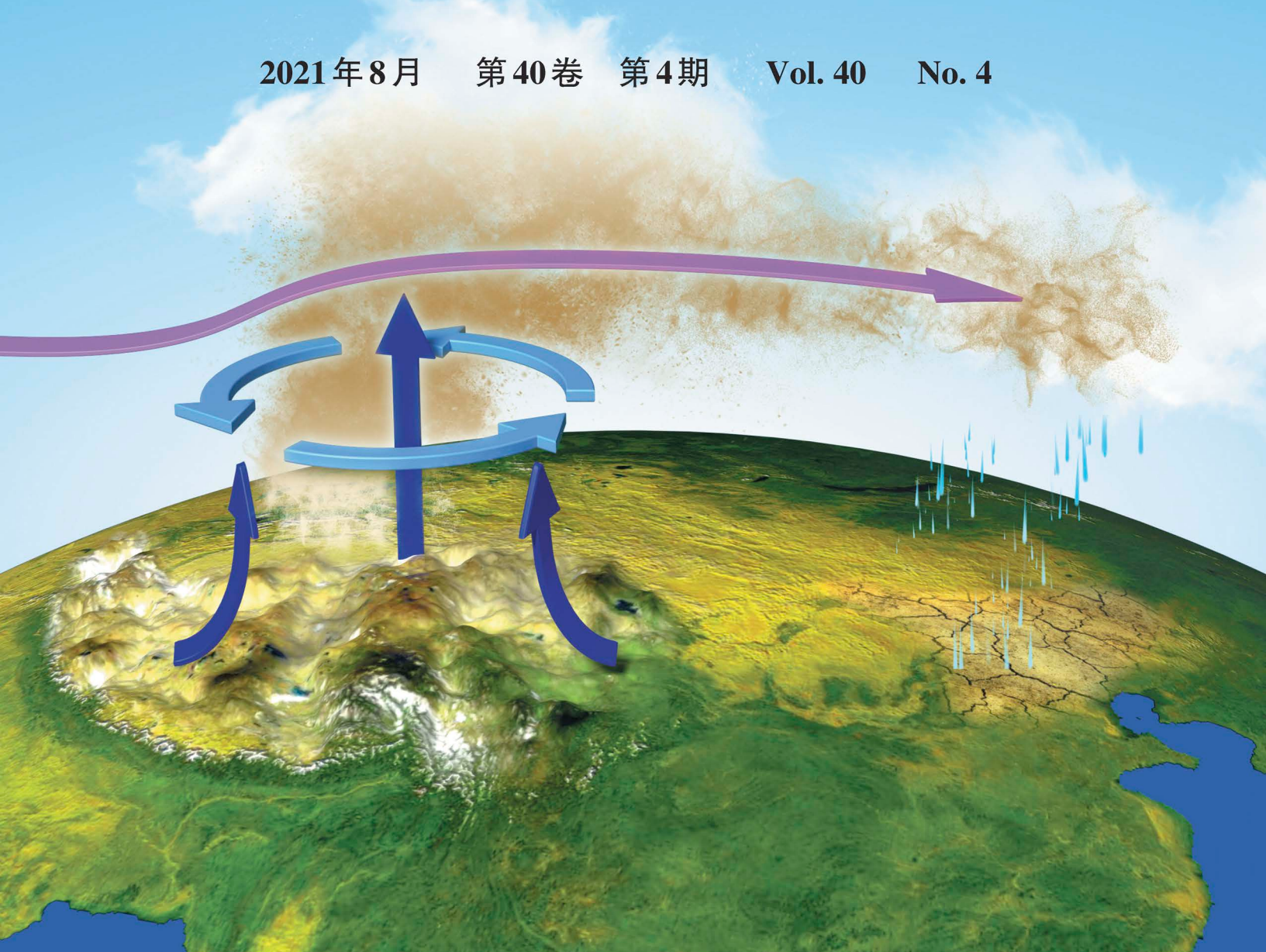
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高原气象

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高原气象

(GAOYUAN QIXIANG)

第40卷 第4期 2021年8月

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封面图说明:《Attribution of Tibetan Plateau to the northern drought》论文提出了夏季青藏高原影响华北干旱的一种动力机制(蓝色箭头线表示热力泵效应)。研究发现,当夏季副热带西风急流位置偏北时(紫色箭头线),高原上空西风减弱,自上游向华北地区输送的水汽、云水资源以及可作为大气冰核的沙尘粒子减少,导致华北地区夏季干旱频发;相反,当副热带西风急流位置偏南时(紫色箭头线),华北地区夏季降水增加,干旱发生频次减少。该研究结果为理解华北干旱提供了一种新的视角。(黄建平,刘玉芝供图)

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