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From orbit, Landsat satellites help scientists study ecosystems that would otherwise be difficult for them to reach – remote rainforests, distant Arctic tundras, and isolated coral reefs are just a few examples. Sensors aboard Landsat 8 can detect a specific wavelengths that help scientists study coastal areas, identify coral reefs and monitor their health. Coral reefs, like these off Fiji, are some of the most biodiverse

ecosystems on the planet. Credit: NASA Earth Observatory