**U.S. satellite keen on ‘climate rescue’ mission**

**By Yomi Olatunji**

WASHINGTON – The U.S. military is poised to launch a new satellite from Cape Canaveral, Florida, to study Earth’s ice and snow cover from space. The Arctic Ice and Snow Mission (AIM) satellite is expected to be launched on February 17, 2022. The satellite will be used to study the Earth’s cryosphere and its impact on climate change. AIM will be the first U.S. satellite dedicated to monitoring and understanding the Earth’s ice and snow cover. The satellite will be equipped with a suite of instruments to measure ice and snow cover, including a passive microwave imager, a nadir-viewing visible and infrared radiometer, and a backscatter radar. The satellite will provide data for climate modeling and assessment, as well as for policy and management decisions. AIM will be the second satellite in a series of satellites known as the Ice and Snow Mission (AIM) series. The first satellite, known as the Ice and Snow Mission (AIM) satellite, was launched in December 2011. The new satellite will be launched from Cape Canaveral, Florida, in February 2022. The satellite will be used to study the Earth’s cryosphere and its impact on climate change. AIM will provide data for climate modeling and assessment, as well as for policy and management decisions.