



2018年第48期总152期

农业与资源环境信息工程专题

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▶ 前沿资讯

1 . Powerful new map depicts environmental degradation across Earth (可清晰描绘地球环境退化的地图)

简介: A powerful new map by the University of Cincinnati illustrates one motivating force behind migrant caravans leaving Guatemala and Honduras to reach the United States. UC geography professor Tomasz Stepinski created the new world map showing dramatic changes in land use over the last quarter century. Stepinski, a professor in UC's McMicken College of Arts and Sciences, turned high-resolution satellite images from the European Space Agency into one of the most detailed looks so far at how people are reshaping the planet.

来源: EurekAlert

发布日期: 2018-11-19

全文链接: https://www.eurekalert.org/pub_releases/2018-11/uoc-pnm11918.php

2 . From the Arctic to the tropics: Researchers present unique database on Earth's vegetation (从北极到热带: 独特的全球植被数据库)

简介: Which plant species grow where, alongside which others - and why? The diversity of global vegetation can be described based on only a few traits from each species. This has been revealed by a research team led by Martin Luther University Halle-Wittenberg (MLU) and the German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig. In a new study published in the scientific journal Nature Ecology & Evolution, they present the world's first global vegetation database which contains over 1.1 million complete lists of plant species sampled across all Earth's ecosystems. The database could help better predict the consequences of global climate change.

来源: EurekAlert

发布日期: 2018-11-19

全文链接: https://www.eurekalert.org/pub_releases/2018-11/mh-fta11518.php

3 . Crowdsourced field data shows importance of smallholder farms to global food production (众包田间数据呈现小农农场对全球粮食生产的重要贡献)

简介: 国际应用系统分析研究所 (IIASA) 研究人员将作为众包公民科学项目一部分而收集的全球田地数据集进行分析, 发现小农农场的比例比预想的要大得多, 并且它们对全球粮食生产的贡献也更大。农场规模小于2公顷田地的农场被定义为小农农场, 越来越多的证据表明, 这些农场对世界粮食生产作出了巨大贡献, 但到目前为止, 一直缺失小农农场数量和分布的相关数据。之前的估算显示小农农场占全球总数的12%-24%, 但IIASA的研究人员研究表明, 小农农场实际规模占全球农业面积的40%。

来源: EurekAlert

发布日期: 2018-11-22

全文链接: https://www.eurekalert.org/pub_releases/2018-11/iifa-cfd112018.php

4. 首届全国苹果大数据发展应用高峰论坛在南京举行

简介: 11月16日, 首届全国苹果大数据发展应用高峰论坛在江苏南京举行。农业农村部副部长屈冬玉出席论坛并致辞。屈冬玉指出, 乡村振兴特别是产业振兴需要大数据提供支撑。大数据是新的基础设施、重要的生产要素, 能够促进小农户与现代农业发展有机衔接, 催生新产业新业态新模式, 培育壮大农业农村数字经济。农业农村大数据建设要以重要农产品全产业链大数据为突破口。农业农村大数据是一个复杂的系统工程, 需要找准切入点, 实现单品突破。农业农村部将在2019年开展生猪、苹果、茶叶、柑橘等品种全产业链大数据建设试点, 为整个农业农村大数据发展应用探索路子、提供经验, 为创建特色农产品优势区提供新动能。

来源: 农业农村部

发布日期:2018-11-16

全文链接:http://www.moa.gov.cn/xw/zwdt/201811/t20181116_6163169.htm

➤ 科技报告

1 . Smart Villages: revitalising rural services through social and digital innovation (智慧农村: 通过社会与数字化革新振兴农村服务)

简介: This ENRD Seminar was organised within the framework of the EU Action for Smart Villages and the ENRD thematic work on Smart Villages. The discussions highlighted the wide range of existing tools that can support Smart Villages. It showcased the rich variety of social and digital innovations that are springing up across Europe. Rural communities can take the initiative to boost rural services such as health, social care, education, energy, connectivity and mobility.

来源: 欧盟农村发展网络 (ENRD)

发布日期:2018-08

全文链接:<http://agri.ckcest.cn/file1/M00/02/9D/Csgk0Fv3fqyAAYSOABEGts2kG4Y000.pdf>