简　历

个人信息

姓：**Tarolli**（特罗里）　名：**Paolo**（保罗）

意大利帕多瓦大学土地，环境，农业与森林学院副教授

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Publons: https://publons.com/researcher/1191792/paolo-tarolli

简历概要

保罗·特罗里是意大利帕多瓦大学（University of Padova）（意大利）的流域综合管理和水资源管理教授，地球表面过程和社会研究小组首席研究员。同时也是大连理工大学（中国）的客座教授，佐治亚大学（美国）和亚历山德鲁·伊奥安·库萨大学（罗马尼亚）的兼职教授。他是欧洲地球科学联盟（EGU）自然灾害司的副主席，也是意大利农业工程协会（AIIA）第七届会议（信息和通信技术）的副主席。

他的主要研究方向为数字地形分析，地表过程分析，自然灾害，地貌学，水文地貌学，激光雷达，动感摄影测量学；新的研究方向包括分析人类活动从地方到区域范围的地形特征。

同时，保罗教授担任《Natural Hazards and Earth System Sciences》（Copernicus）的首席执行主编，以及《Remote Sensing》（MDPI）和《Land Degradation & Development（Wiley）的副主编，此外还担任其他 8 种期刊的编委会成员。他在国际同行评审期刊上发表论文共 100 余篇，具有以下发表指标：谷歌学术搜索（索引指数为 40，总引文 5555，被引文 100+的文章数为 15，被引文 200+的文章数为 5，被引文 300+的文章数为 1），SCOPUS（索引指数为 36，总引用 4133）。他在国际一流研究机构和院校（即普林斯顿大学，洛桑联邦理工学院，北京师范大学，大连理工大学，同济大学，农业巴黎科技大学，梅西大学，国立成功大学，中国地质大学，广州大学，中国科学院）以及国际会议（IGC，AAG，ISPRS，RGS-IBG，AOGS，中国土壤科学学会）中受邀发表演讲 20 多次，其中有 3 次为主题演讲。他是 FTC（葡萄牙），FWO（比利时），NERC（英国）的小组成员；荷兰科学研究组织（NWO），美国国家科学基金会（NSF），国际瑞士国家科学基金会（SNSF），自然环境研究委员会（NERC），波兰国家科学中心（NCN），加拿大理事会自然科学和工程研究，FWF 奥地利科学基金，欧盟委员会研究项目的审稿人。他是欧洲地球科学联盟，英国地貌学会，美国地球物理联盟，意大利农业工程协会的成员。

索引

教育经历

2006 年	博士，环境流域管理与测绘，帕多瓦大学（意大利）
2002 年	硕士，水文地质灾害评估与治理，帕多瓦大学（意大利）
2001 年	本科，森林与环境科学，帕多瓦大学（意大利）

职位

2020~至今	客座教授，客座教授。大连理工大学（中国）
2018~至今	客座教授，亚历山德鲁 • 伊安 • 库萨大学（罗马尼亚）
2017~至今	客座教授，乔治亚大学（美国）
2017	客座教授，广州大学 (中国)
2015~至今	副教授，帕多瓦大学，土地农林环境学院（意大利）
2013~2019	客座教授，中国地质大学（北京）
2011~2014	助理教授，帕多瓦大学，土地与农林环境学院（意大利）
2011~2013	客座教授，国立成功大学，地球科学系（中国台湾）
2011 年	客座教授，洛桑联邦理工学院，建筑、土木与环境工程学院（瑞士）
2010 年	居里夫人研究院资深研究员，内陆水域研究所与海洋研究中心（希腊）
2009~2013	兼职教授，马尔凯理工大学（意大利）
2008 年	访问学者，明尼苏达大学，土木工程系和圣安东尼瀑布实验室（美国）
2006~2010	助理研究员，帕多瓦大学，土地与农林环境学院（意大利）
2005 年	访问学者，地球与环境科学学院，新墨西哥科技大学（美国）
2002~2006	访问学者，地球与环境科学学院，新墨西哥科技大学（美国）

外部职位，领导力 & 专业会员

2019~至今	欧洲地球科学联盟（EGU）自然灾害司副主席
2018~至今	地表过程和社会研究小组首席（https://www.linkedin.com/in/earthsurfs/）
2018~至今	意大利农业工程学会副主席
2016~2019	欧洲地球科学联盟 SSS 分区 SSS12 委员会主席
2015~2020	欧洲地球科学联盟 NH 部门 NH6 的主席
2014 年	2014 年 UNIPD-NCKU（意大利-台湾）联合暑期学校主管：“意大利阿尔卑斯山的自然灾害”
2013 年	2013 年 EGU 暑期学校主管：“从高分辨率地形学了解高山环境中的地球表面过程” (http://intra.tesaf.unipd.it/cms/summeregu2013/)

奖学金

2014 年	中国地质大学合同聘用制杰出学者（中国）
2013 年	国立成功大学合同聘用制杰出学者（台湾）
2010 年	玛丽居里研究员--内陆水域研究所与海洋研究中心的杰出贡献奖（希腊）

获奖与荣誉

2019 年	跨领域和地球科学方面的 Publons 同行评审奖
2018 年	在地球科学和环境/生态学方面的 Publons 同行评审奖
2018 年	杰出贡献奖：评审 Total Environment, Land Use Policy, Geomorphology, Environmental Research 等研究领域
2017 年	杰出编辑 Journal of Mountain Science, Springer
2017 年	杰出贡献奖: journal Adv. Wat. Res., J. of Hydrology
2017 年	在环境科学，遥感与地球与行星科学方面的 Publons 同行评审奖
2016 年	杰出审稿人（journal Catena, Elsevier）
2015 年	杰出审稿人（journal Geomorphology, Earth Science Reviews）
2012 年	最佳海报奖：XXXIII 意大利水力学与液压结构会议
2011 年	编者引用：WRR 优秀审稿员
2010 年	杰出审稿人（Journal of Hydrologic Engineering, ASCE）
2010 年	最佳海报奖：XXXII 意大利水力学与液压结构会议

指导的学生

博士后(共 2 位)：

Giulia Sofia (2013-2018) (EGU Arne Richter Award 2019 奖项获得者)，Sara Cucchiaro (2019-

2020), Anton Pijl (2020-2021) 帕多瓦大学

博士生：

帕多瓦大学(共 8 位)：王文娣 (2020-2023)，Luca Mauri (2019-2022), 张棋斐 (2018-2021)，Anton Pijil (2017-2020), 曹文芳 (2017-2019)，Eros Borsato (2017-2019), G. Roder (2016-2018)，M. Prosdocimi (2014-2017)

国际合作学生(共 4 位)：Kamila Pawłuszek (2017-2019) 弗罗茨瓦夫大学环境与生命科学学院; 向杰（2015-2018）中国地质大学; 王琎（2014-2018）中国科学院； 郑永心(2014-2019) 国立成功大学；李珂 (2013-2015)，中国地质大学

硕士生：

就读于帕多瓦大学的学生(共 30 位)：Andrea Totti (2020-21), Elia Bortoletti (2020), Sofia Michieli (2020), Luigi Mancin (2020), Lorenzo Arcari (2020), Giacomo Nalin (2019), Eugenio Straffelini (2018), Edoardo Quarella (2018), Gaetano Imperatore (2018), Luca Mauri (2018), Michele Tosoni (2017), Loris Torresani (2017), Francesca Breda (2017), Elena Feo (2017), Manuel Stefani (2017), Jessica de Marco (2016), Federica Varisco (2016), Davide Todeschini (2016), Marco Cecchin (2016), Giulia Lo Re (2016), Federica Basso (2016), Nicoletta Pradetto Sordo (2016), Gianluca Favaro (2015), Alberto Bollettin (2015), Giulia Roder (2014), Valeria Contessa (2014), Francesca Savio (2013), Massimo Prosdocimi (2013), Manuela Mancini (2012), Francesca Brutti (2012)

就读于马尔凯理工大学的学生(共 3 位)： Aurora Ghirardelli (2019), and Esmee Goudriaan (2020) and Anton Pijl (2017) at Wageningen University and Research

教学活动

2018~至今	水资源管理，乔治亚大学&帕多瓦大学 （48 小时，6 学分）
2017 年	基于遥感和地理信息系统分析地形地貌过程，广州大学，（16 小时）
2014~至今	水土资源管理，帕多瓦大学（48 学时，6 学分）
2014~至今	农业 GIS 技术应用，帕多瓦大学（32 学时，4 学分）
2014~至今	数字地形分析，中国地质大学（北京）（32 学时，2 学分）
2013~2019	数字地貌和统计分析，中国地质大学（北京）（32 学时，2 学分）
2013 年	数字地形分析，台湾成功大学（50 学时，3 学分）
2011~至今	流域综合管理，帕多瓦大学（48 学时，6 学分）
2012~2013	水土保持，马尔凯工业大学（54 学时，6 学分）
2009~2011	水土保持，马尔凯工业大学（45 学时，5 学分）

学术会议

	欧洲地球科学联盟（共召开 29 次会议）
2021 年	召集人&主席: session NH6.7 "Application of remote sensing and Earth-observation data in natural hazard and risk studies"
2021 年	召集人&主席: session SSS11.1/GI6.6 "Development of New Technologies in Soil Conservation and Eco Sustainability"

2020 年	召集人&主席: session EBM7 "Editorial board meeting of Natural Hazards and Earth System Sciences (NHESS)"
2020 年	召集人&主席: session EBM7 "Editorial board meeting of Natural Hazards and Earth System Sciences (NHESS)"
2020 年	召集人&主席: session SSS11.4 "Development of new technologies in soil conservation and eco sustainability"
2019 年	召集人&主席: session NH6.1. Application of remote sensing and Earth-observation data in natural hazard and risk studies (EGU General Assembly)
2018 年	召集人&主席: session EGU2018, NH9.4 "Natural hazard impacts on technological systems and infrastructures"
2018 年	召集人&主席: session NH6.1. Application of remote sensing and Earth-observation data in natural hazard and risk studies (EGU General Assembly)
2018 年	召集人&主席: session SSS2.3. Agricultural terraces of the world. Their pedological, geomorphological and hydrological role (EGU General Assembly)
2018 年	召集人&主席: session HS2.2.3 Lowlands: A hydrologic challenge in the global environmental change era (EGU General Assembly)
	召集人&主席: session GM13.1/SC1 "Short course in geomorphometry: Getting the most out of DEMs of Difference"
2017 年	召集人&主席: session HS2.2.3 Lowlands: A hydrologic challenge in the global environmental change era (EGU General Assembly)
2017 年	召集人&主席: session SSS2.16/GM7.7/HS11. Agricultural terraces of the world. Their pedological, geomorphological and hydrological role (co-organized) (EGU General Assembly)
2017 年	召集人&主席: session NH6.1/CR2.7/GI2.8/HS11.29/SM5.7/SSS12.20 Application of remote sensing and Earth-observation data in natural hazard and risk studies (EGU General Assembly)
2017 年	召集人&主席: session NH3.12 Landslide and Landslide Susceptibility Interactions with Transport Lines (EGU General Assembly)
2017 年	召集人&主席: session SSS10.8/BG9.6/HS9.11 Soil Erosion, hydrological processes and biological degradation in worldwide vineyards (EGU General Assembly)
2016 年	召集人&主席: session GM6.1/BG7.5/HS11.13/SSS2.22 "Human-Landscape interaction in the Anthropocene
2016 年	召集人&主席: session GM13.1/SC10/SSS12.25 "Digital Terrain Analysis of Anthropogenic Landscapes"
2016 年	召集人&主席: session SSS2.10/GM6.8/HS11.29/NH3.19 Agricultural terraces of the world. Their pedological, geomorphological and hydrological role (EGU General Assembly)
2015 年	召集人&主席: session GM2.1 "Digital Landscapes: Insights into geomorphological processes from quantitative interrogation

and use".

2015 年 召集人&主席: session GM4.1 Human-Landscape interaction in the Anthropocene (EGU General Assembly)

2015 年 召集人&主席: session SSS2.5/GM6.6/HS12.3 Agricultural terraces of the world. Their pedological, geomorphological and hydrological role (EGU General Assembly)

2014 年 召集人&主席: session GM4.1/HS9.12/SSS9.18 Human-Earth interaction from the Pleistocene to the Anthropocene: state of the science and future direction (EGU General Assembly)

2014 年 联合召集人: session GM2.1 Digital Landscapes: Insights into geomorphological processes from quantitative interrogation and use (EGU General Assembly)

2013 年 召集人&主席: session GM4.2/SSS6.12 Landscape in the Anthropocene: state of the art and future directions (EGU General Assembly)

2013 年 联合召集人: session GM2.1 Digital Landscapes: Insights into geomorphological processes from high-resolution topography, quantitative interrogation and geomorphological mapping (EGU General Assembly)

2012 年 联合召集人及主席: session GM2.1 Digital Landscapes: Quantitative Interrogation and Use to Examine Geomorphic Processes (EGU General Assembly)

2011 年 联合召集人&主席: session GM2.2/NH10.3/PS10.2 Digital Landscapes: From Laser Scanning and High-resolution Measurement Technologies to Quantitative Interrogation of Geomorphic Processes (EGU General Assembly)

美国地球物理联合会（共召开 3 次会议）

2020 年 召集人&主席: session INV12 - Earth, Agriculture, and Society: Toward Sustainable Development in the Anthropocene

2018 年 召集人&主席: session Fingerprinting the Anthropocene: Observing and Understanding Social Change Across Earth's Landscapes

2007 年 召集人&主席: session H43E/H51L/H52E Remotely Sensed DTMs for Hydrogeomorphic Applications

意大利农业工程协会（共召开 1 次网络会议）

2020 年 召集人&主席: Webinar on “Remote Sensing for land degradation analysis and sustainable management of agroforestry systems”

合作机构

2020 – 2026	北京林业大学与国土环境农业与林业系联合学术合作的科学协调员
2019 – 2023	帕多瓦大学土地，环境，农业和林业部“第三次任务”委员会和交流委员会主任
2018~2022	中国地质大学与帕多瓦大学联合博士项目负责人
2017~2022	梅西大学（新西兰）、林肯大学（英国）和帕多瓦大学双边合作的科学协调员
2017~2022	中国地质大学和帕多瓦大学双边合作的科学协调员
2012~2015	科研质量评估委员会会员（土地，环境，农业和森林学院，帕多瓦大学）
2012~2019	国际委员会会员（土地，环境，农业和森林学院，帕多瓦大学）

学术期刊编辑

2018~至今	首席执行编辑：NHESS（Copernicus)
2018~至今	副编辑：*Land Degradation & Development* (Wiley)，Remote Sensing (MDPI)

编委会成员: iScience (Cell Press), Earth Surface Processes and Landforms (Wiley), Anthropocene (Elsevier),), International Soil and Water Conservation Research (Elsevier), Geography and Sustainability (Elsevier), Heliyon (Elsevier), *Journal of Mountain Science* (Springer), Quaternary (MDPI).

学术期刊审稿人

2006~至今	审阅论文 349 篇 https://publons.com/researcher/1191792/paolo-tarolli/)，包括 Science, Nature Communications, Scientific Reports 等期刊。

学会会员

2012~至今	意大利农业工程学会（ISAE）
2012~至今	亚洲大洋洲地球科学学会（AOGS）
2011~至今	英国地质地貌学会（BSG）
2006~至今	欧洲地球科学联盟（EGU）
2005~至今	美国地质学会（AGU）

科研项目

2019 – 2022	*SOiLUTION SYSTEM* - Innovative solutions for soil erosion risk mitigation and a better management of vineyards in hills and mountain landscapes (EU rural development grant – Veneto Region) **450,000 €** (Scientific Coordinator of the entire project; PI of WP1)
2019 – 2022	*FITOCHE* - From field to cheese (EU rural development grant – Veneto Region) **300,000 €** (PI of WP4)
2018 – 2023	*TerrACE* - Terrace Archaeology and Culture in Europe (EU H2020 ERC-AdG) **2,600,000 €** (PI of WP1)
2018 – 2021	*ViTe* - Vineyard Terraced landscapes: understanding the Environmental constraints to improve sustainable managements (University of Padova) **60,000€** (PI)
2016 – 2018	*HighLandDEM* - High-resolution Digital Elevation Models (DEM) in rainfed Mediterranean cultivated Landscapes for long-term monitoring of artificial features with hydrological impact (ENVIMED French cooperation initiative) **18,000€** (PI of WP2)
2014 – 2020	*NIP* - New industrial plan for dairy sector (POR FESR – Veneto Region) **608,024€** (team member)

主要合作者

Erle C. Ellis	人类纪的讨论，马里兰大学，美国
Federico Preti	农业梯田,佛罗伦萨大学，意大利
Ciprian Margarint,	地貌学和危害，亚历山德鲁·伊安·库扎（罗马尼亚）
Jean-Stéphane Bailly	用遥感进行农业景观分析,巴黎高科农业大学，法国
陈建平	无人机监控露天采矿，中国地质大学（北京），中国
Mark Macklin	人为景观的洪水，林肯大学,英国
Marco Cavalli	用激光雷达进行地貌形成分, CNR-IRPI 帕多瓦，意大利
Nunzio Romano	农业的表面径流，那不勒斯菲里德里克第二大学,意大利
Tony Brown	农业梯田，挪威艺术大学（挪威）
徐向舟	水土保持，大连理工大学，中国
吴志峰	人类活动导致的土地变化对环境的影响,广州大学,中国

受邀演讲

国际会议（8 次）

2019	*High resolution geomorphologic characterization of conservation agriculture.* General Assembly 2019 of the Soil Science Society of China, Dalian (PR China).
2018	*Observing and understanding the impact of socio-economic change on Earth and human health. Water and Planteary Health: A Catchment Systems Approach symposium - University of Lincoln, Lincoln (UK).*

2017 *The geomorphology of humanity. The 33rd Romanian Symposium of Geomorphology*, Iasi (Romania). *Keynote talk*

2016 *Roads and agricultural terraces in the mountain areas of the world: their geomorphological and hydrological role.* The 33rd International Geographical Congress, Beijing (P.R. China). *Keynote talk*

2016 *Hillslope Processes in Anthropogenic Landscapes.* AAG Annual Meeting 2016, San Francisco (USA).

2015 *High-resolution topography for understanding Earth surface processes: Opportunities and challenges.* ISPRS Geospatial Week 2015, Montpellier (FR). *Keynote talk*

2015 *Geomorphology & Anthropocene.* RGS-IBG Annual International Conference, Exeter (UK).

2012 *Opportunities and challenges from high-resolution topography for understanding earth surface processes*. AOGS – AGU (WPGM) Joint Assembly 2012, Singapore.

国际研究机构和大学（18 次）

2020 *Digital terrain analysis for soil and water conservation.* Dalian University and Technology (P.R. China). (host: Xiangzhou Xu)

2020 *Monitoring and sustainable management of steep-slope agricultural landscapes: the case study of Italy*. Beijing Normal University (P.R. China). (host: Chengzhong Pan)

2019 *Humans and the Earth's Surface*. Princeton University (USA). (host: Amilcare Porporato)

2019 *High-resolution topography for understanding Earth surface processes: opportunities and challenges*. Dalian University and Technology (P.R. China). (host: Xiangzhou Xu)

2017 *The Topographic Signature of Humanity*. Beijing Normal University (P.R. China). (host: Wenwu Zhao)

2016 *Earth surface processes in anthropogenic landscapes*. Guangzhou University (P.R. China). (host: Wu Zhifeng)

2015 *High-resolution topography for understanding Earth surface processes: opportunities and challenges*. Innsbruck Summer School of Alpine Research 2015. (host: University of Innsbruck, Faculty of Geo- and Atmospheric Sciences & International Society for Photogrammetry and Remote Sensing - ISPRS)

2015 *Anthropogenic Landscapes: critical issues and future challenges for Earth Science and Society*. Massey University (New Zealand). (host: Ian Fuller)

2014 *Anthropogenic Landscapes: critical issues and future challenges for Earth Science and Society*. Institute of Mountain Hazards and Environment, Chinese Academy of Sciences, Chengdu. (host: Peng Cui)

2013 *High-resolution topography: the next chapter for the Earth science*. China University of Geosciences, Beijing. (host: Chen Jianping)

2012 *Natural and Engineered Landscapes: new challenges from LiDAR for understanding Earth Surface Processes in the Anthropocene*. National Cheng Kung University, Department of Earth Science, Tainan (Taiwan). (host: Ching-Weei Lin)

2011 *New opportunity and future challenges from high-resolution topography for the analysis of Earth Surface Processes*. Central Geological Survey, Taipei (Taiwan). (host: Chao-Tsiung Lin)

2011	*New opportunity and future challenges from high-resolution topography for the analysis of Earth Surface Processes*. National Cheng Kung University, Department of Earth Science, Tainan (Taiwan, R.O.C.). (host: Ching-Weei Lin)
2011	*New opportunity and future challenges from high-resolution topography for the analysis of Earth Surface Processes*. AgroParisTech, Montpellier, France. (host: Jean-Stephane Bailly)
2011	*New opportunities but also challenges from high-resolution topography.* École Polytechnique Fédérale de Lausanne EPFL, Switzerland. (host: Andrea Rinaldo)
2010	*High-resolution topography: new opportunities, issues and challenge in the Earth Science*. Institute of Inland Waters, Hellenic Centre for Marine Research, Greece. (host: Emmanouil Anagnostou)
2010	*Semi-automatic methods for geomorphic features extraction: new opportunities from high-resolution topography*. CNR-IRPI. Perugia, Italy. (host: Fausto Guzzetti)
2008	*High-resolution topography: new opportunities, issues, and future trends*. Civil Engineering Dept. and St. Anthony Falls Laboratory, University of Minnesota, Minneapolis, USA. (host: Efi Foufoula-Georgiou)
2005	*Improving methods for mapping terrain stability with high-resolution LIDAR-derived elevation data*. EES Dept., New Mexico Tech, USA. (host: Enrique Vivoni)

发表文章概述

在国际同行评审期刊上发表 100 篇以上的论文（2 篇受邀的评论），并具有以下发表指标：Google 学术（索引指数 40，总引文 5555，被引文 100+的文章数 15，被引文 200+的文章数 5，引用次数超过 300 的文章数 1），SCOPUS（索引指数 36，总引用数 4133）。此外，他还在国际同行评审的 ISI 期刊上发表了 1 篇视频评论和 3 篇书评，在全国杂志上发表了 9 篇论文，2 篇论文收录在百科全书中，12 篇论文在 ISBN 收录的书中，20 篇文章在被 ISBN 收录的会议集中，并且在国内国际会议上做了 169 次演讲（3 个受邀主题演讲，4 个受邀演讲，45 个口头演讲和 10 在线报告 114 个海报）。为 Elsevier，Springer 和 MDPI 编辑了三本书。

发表文章情况

同行审阅杂志

2021

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