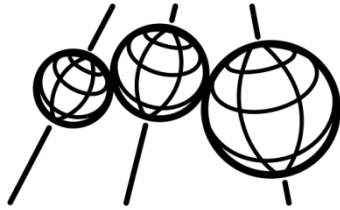


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PLANMAP

Geologic Mapping of our Solar System

Grant Agreement	776276
Acronym	PLANMAP
Project full title	Planetary mapping

Deliverable

D 8.9

Deliverable Name

Report on communications - 3rd and final update

Nature of deliverable	REPORT
Dissemination level	PU
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Status	Final

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Executive summary

The present deliverable provides a summary of the dissemination, communication and outreach activities from 01/05/2020 to the end of the PLANMAP project and a comparison with the dissemination and communication plan foreseen for the entire duration of the project (see D8.7, Table 1-2).

This document is therefore a review of the work presented at conferences and meetings for the scientific community by the project partners, along with their publications and outreach activities as well as a verification of the achievement of the pre-set goals.

The PLANMAP team, moreover, continuously shared scientific contents and products both in local language and English (possibly subtitles) through social media platforms such as Github, Sketchfab, Facebook, Twitter, Instagram and YouTube.



List of Acronyms

Acronym	Description
EGU	European Geosciences Union
ELS	European Lunar Symposium
EPSC	EuroPlanet Science Congress
LPSC	Lunar and Planetary Science Conference
TBA	To Be Accepted

Dissemination and Communication Conclusions

The following tables showcase the dissemination and communication activities carried out by the PLANMAP team subdivided into three categories: conference presentations, publications and outreach activities.

Consistently with our previous reports on communications (i.e. D8.6, D8.7 and D8.8) we distinguished author lists, title and topic, place, time and target audience for both outreach and dissemination activities.

As expected at the end of each project, we registered a marked increase of the publication of the achieved results and of the submitted conference presentations. As from Table 1, indeed, with respect to the 2nd year of the project (see D8.8 for details) it is possible to appreciate an increase of 140% of publications and a more moderate increase of 36.7% in the number of conference presentations, the latter probably due to the uncertain arrangement of virtual conferences. We also foresee that more papers will be submitted in the next months.

Conversely, the outreach actions have been largely affected by the pandemic. With respect to the 2nd year of the project, indeed, the COVID19 restrictions led to a decrease of 75% of the usual outreach activities.

The PLANMAP social media were not all equally engaged but for our most active Facebook (<https://fb.me/planmap.eu>) and Twitter (https://twitter.com/planmap_eu) accounts we got up to 881 and 284 followers respectively in February 2021, with an increase of 75.2% and 62.3% for each one with respect to January 2020.



Finally, with respect to the dissemination and communication plan foreseen in D8.7 in Table 1-2 it is possible to appreciate that the PLANMAP project achieved the majority of its pre-set goals, with only 4 exceptions. Many goals were achieved beyond expectations (at least +50% than predicted), such as the presentations at scientific conferences and the outreach activities involving public talks and festivals. Differently, we encountered difficulties in substantially contributing to not PLANMAP publications, focusing more on internal publications, in communicating with ESA and in keeping updated the PLANMAP and partners' webpages and the press, focusing more in the social media spreading news functionality.

Table 1: Summary

Activity	3rd year	2nd year	1st year
Conference presentations	41	30	42
Publications	12	5	1
Outreach actions (seminars and activities in schools; public talks; outreach events; press release)	5	21	38

Table 2: Dissemination and communication plan achievements

Activity	Foreseen at the end of the 3rd year	Achieved	Information
Products accessible on PLANMAP portal	at least 15	21	geologic maps, spectral maps, 3D models, VR environments
Conference presentations	at least 60	113	

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Publications - mainly supported by PLANMAP	at least 9	13	15 more in progress
Publications - PLANMAP substantial contributions	at least 12	5	4 more in progress
Dedicated conference session	1	1	MITM10 session at EPSC2020
Communications within ESA	at least 6	2	
PLANMAP workshop	1	1	2 nd Planetary Mapping and Virtual Observatory workshop
PLANMAP school	1	1	Geology & Planetary Mapping winter school (see D8.10)
Event dedicated to Virtual Reality	1	1	Virtual reality environments for planetary Applications and training for astronauts workshop (see D8.15)
PLANMAP team meeting at EAC	1	1	merged in D8.15
Web page news	24	10	
Downloadable drawings material for students	at least 18	23	drawings, comics, soundtracks
Story maps / 3D displays	at least 4 / 3	6 / 5	
CAVE representation	1	1	merged in D8.15
Social media	at least 264	> 264	
Seminars and activities at schools	at least 6	7	
Public talks	at least 9	17	
Festivals	at least 3	13	



Press releases / newspaper news	at least 3 / 60	3 / 21	
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Table 3: Conference Presentations

Repository link	Link to publication	Title	Authors	Title of journal/ conference	Number, date or frequency of journal	Pages	Publisher	Place of publication	Year	Is this peer reviewed publication	Is this a joint public/private publication?	Open Access
https://meetingorganizer.copernicus.org/EGU2020/EGU2020-18839.html	https://meetingorganizer.copernicus.org/EGU2020/EGU2020-18839.html	PLANMAP data packaging: lessons learned towards FAIR planetary geologic maps	Brandt C.H., Rossi A.P., Penasa L., Pozzobon R., Luzzi E., Wright J., Carli C. and Massironi M.	EGU	n/a	n/a	EGU-Copernicus	Online	2020	No	No	Gold
https://meetingorganizer.copernicus.org/EGU2020/EGU2020-733.html	https://meetingorganizer.copernicus.org/EGU2020/EGU2020-733.html	Geological mapping of an interesting lunar site: Tsiolkovskiy crater	Tognon G., Pozzobon R., Massironi M.	EGU	n/a	EGU2020-733	EGU-Copernicus	Online	2020	No	No	Gold
https://els20.arc.nasa.gov	https://sservi-api.marquitech/uploads/sservi-projects-api/originals/e50b6559-102b-44b3-a2b6-ffbddd36e2.jpeg	Geologic Map, Landing site selection and traverse planning on Copernicus crater (Moon)	Pozzobon R., Tusberti F., Pajola M., Massironi M.	ELS	n/a	n/a	NASA SSERVI	Online	2020	No	Yes	Gold
https://els20.arc.nasa.gov/abstracts	https://els20.arc.nasa.gov/abstracts	Exploring the lunar far side at Tsiolkovskiy crater	Tognon G., Pozzobon R., Massironi M.	ELS	n/a	137-138	NASA SSERVI	Online	2020	No	No	Gold
https://els20.arc.nasa.gov/program	https://els20.arc.nasa.gov/program	New geological maps of the Apollo landing sites	Iqbal W., Hiesinger H., van der Bogert C.H., Borisov D. and Gebbing T.	ELS	n/a	54-55	NASA SSERVI	Online	2020	No	Yes	Gold
https://els20.arc.nasa.gov/program	https://els20.arc.nasa.gov/program	New geological maps and crater size-frequency distribution measurements of the Apollo 15 landing site	Iqbal W., Hiesinger H. and van der Bogert C.H.	ELS	n/a	56-57	NASA SSERVI	Online	2020	No	Yes	Gold
https://els20.arc.nasa.gov/program	https://els20.arc.nasa.gov/program	A new map of the South Pole-Aitken basin including the South Pole	Poehler C.M., Ivanov M.A., van der Bogert C.H., Hiesinger H., Pasckert J.H., Iqbal W., Wright J. and Head J.W.	ELS	n/a	108-109	NASA SSERVI	Online	2020	No	Yes	Gold



https://www.hou.usra.edu/meetings/pgm2020/pdf/7044.pdf	https://www.hou.usra.edu/meetings/pgm2020/pdf/7044.pdf	A new geological map of the lunar South Pole-Aitken basin region	Poehler C.M., Ivanov M.A., van der Bogert C.H., Hiesinger H., Iqbal W., Pasckert J.H., Wright J. and Head J.W.	Annual Meeting of Planetary Geologic Mappers	n/a	7044	Lunar and Planetary Institute	Online	2020	No	No	Gold
https://www.hou.usra.edu/meetings/pgm2020/pdf/7011.pdf	https://www.hou.usra.edu/meetings/pgm2020/pdf/7011.pdf	Geological mapping of the Apollo landing sites for scientific investigations	Iqbal W., Hiesinger H., van der Bogert C.H., Gebbing T. and Borisov D.	Annual Meeting of Planetary Geologic Mappers	n/a	7011	Lunar and Planetary Institute	Online	2020	No	No	Gold
https://www.hou.usra.edu/meetings/pgm2020/pdf/7038.pdf	https://www.hou.usra.edu/meetings/pgm2020/pdf/7038.pdf	Geologic Map of the Hokusai Quadrangle (H05) of Mercury	Wright J., Rothery D.A., Balme M.R., Conway S.J.	Annual Meeting of Planetary Geologic Mappers	Annual	n/a	USRA	Online	2020	No	Yes	Gold
https://www.hou.usra.edu/meetings/pgm2020/pdf/7041.pdf	https://www.hou.usra.edu/meetings/pgm2020/pdf/7041.pdf	Geologic Mapping of Mawrth Vallis, Mars	Wright J., Balme M.R., Davis J.M., Fawdon P., Rothery D.A.	Annual Meeting of Planetary Geologic Mappers	Annual	n/a	USRA	Online	2020	No	Yes	Gold
https://www.hou.usra.edu/meetings/pgm2020/pdf/7028.pdf	https://www.hou.usra.edu/meetings/pgm2020/pdf/7028.pdf	Geological Mapping of the Neruda Quadrangle (H13) of Mercury	Man B., Rothery D.A., Balme M.R., Conway S.J., Wright J.	Annual Meeting of Planetary Geologic Mappers	Annual	n/a	USRA	Online	2020	No	Yes	Gold
https://www.hou.usra.edu/meetings/pgm2020/pdf/7022.pdf	https://www.hou.usra.edu/meetings/pgm2020/pdf/7022.pdf	European Co-ordinated Quadrangle Mapping of Mercury	Rothery D.A., Galluzzi V., Wright J.	Annual Meeting of Planetary Geologic Mappers	Annual	n/a	USRA	Online	2020	No	Yes	Gold
https://meetings.ornl.gov/EPSC2020/EPSC2020-589.html	https://meetings.ornl.gov/EPSC2020/EPSC2020-589.html	Using Virtual and Augmented Reality in Planetary Imaging and Mapping a case study	Le Mouélic S., Caravaca G., Mangold N., Wright J., Carli C., Altieri F., Zambon F., Van der Bogert C., Pozzobon R., Massironi M., Rossi A.P., De Toffoli B.	EPSC	14	EPSC 2020-589	EPSC-Copernicus	Online	2020	Yes	No	Gold
https://meetings.ornl.gov/EPSC2020/EPSC2020-49.html	https://meetings.ornl.gov/EPSC2020/EPSC2020-49.html	Using 3D reconstruction of centimeter-scale sedimentary structures to document changes in the depositional settings of Glen Torridon region (Gale crater, Mars)	Caravaca G., Mangold N., Le Deit L., Le Mouélic S., Dehouck E., Gasnault O., Edgett K.S., Rivera-Hernandez F., Fedo C.M., Wiens R.C.	EPSC	14	EPSC 2020-49	EPSC-Copernicus	Online	2020	Yes	Yes	Gold
https://ui.adsabs.harvard.edu/abs/2020EPSC...14..905Z/abstract	https://ui.adsabs.harvard.edu/abs/2020EPSC...14..905Z/abstract	Spectral and morphostratigraphic units integration on Apollo	Zambon F., Carli C., Altieri F., Combe J-F., van der Bogert	EPSC	n/a	n/a	EPSC-Copernicus	Online	2020	No	No	Gold



		basin and Leibnitz/Von Karman craters on the Moon	C.H., Pöler C.M., Hiesinger H., Le Mouélic S., Mangold N., Caravaca G., Massironi M.									
https://meetings.fernandocarreras.com/EPSC2020/EPSC2020-367.html	https://meetings.fernandocarreras.com/EPSC2020/EPSC2020-367.html	Kuiper Quadrangle spectral analysis: looking forward to integrated geological map	Carli C., Giacomini L., Zambon F., Ferrari S., Massironi M., Galluzzi V., Capaccioni F., Ferranti L. and Palumbo P.	EPSC	n/a	EPSC 2020-367	EPSC-Copernicus	Online	2020	No	Yes	Gold
https://meetings.fernandocarreras.com/EPSC2020/EPSC2020-556.html	https://meetings.fernandocarreras.com/EPSC2020/EPSC2020-556.html	Sites of geological interest in Kuiper quadrangle (H06)	Giacomini L., Galluzzi V., Carli C., Zambon F., Massironi M., Ferranti L. and Palumbo P.	EPSC	n/a	EOSC 2020-556	EPSC-Copernicus	Online	2020	No	Yes	Gold
https://meetings.fernandocarreras.com/EPSC2020/EPSC2020-600.html	https://meetings.fernandocarreras.com/EPSC2020/EPSC2020-600.html	The lunar South Pole-Aitken basin region: A new geological map	Poehler C.M., Ivanov M.A., van der Bogert C.H., Hiesinger H., Iqbal W., Pasckert J.H., Wright J. and Head J.W.	EPSC	n/a	EPSC 2020-600	EPSC-Copernicus	Online	2020	No	Yes	Gold
https://meetings.fernandocarreras.com/EPSC2020/EPSC2020-1091.html	https://meetings.fernandocarreras.com/EPSC2020/EPSC2020-1091.html	Detailed geological studies and absolute model ages of the Apollo 15 landing site	Iqbal W., van der Bogert C.H., Hiesinger H.	EPSC	n/a	EPSC 2020-1091	EPSC-Copernicus	Online	2020	No	Yes	Gold
https://meetings.fernandocarreras.com/EPSC2020/EPSC2020-770.html	https://meetings.fernandocarreras.com/EPSC2020/EPSC2020-770.html	3D geomodel of the deformed deposits in Crommelin Crater (Mars)	Pozzobon R., Pesce D., Massironi M.	EPSC	n/a	EPSC 2020-770	EPSC-Copernicus	Online	2020	No	Yes	Gold
https://meetings.fernandocarreras.com/EPSC2020/EPSC2020-1057.html	https://meetings.fernandocarreras.com/EPSC2020/EPSC2020-1057.html	Constructing and deconstructing geological maps: a QGIS plugin for creating topologically consistent geological cartography	Penasa L., Frigeri A., Pozzobon R., Brandt C.H., De Toffoli B., Naß A., Rossi A.P. and Massironi M.	EPSC	n/a	EPSC 2020-1057	EPSC-Copernicus	Online	2020	No	No	Gold
https://meetings.fernandocarreras.com/EPSC2020/EPSC2020-1069.html	https://meetings.fernandocarreras.com/EPSC2020/EPSC2020-1069.html	The study of the relationship between pit chains and grabens and their role in the formation of Rift systems and Troughs in Noctis Labyrinthus	El Yazidi M., Pozzobon R., Penasa L., Debei S., Massironi M.	EPSC	n/a	EPSC 2020-1069	EPSC-Copernicus	Online	2020	No	Yes	Gold

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https://meetings.org/epsc2020/EPSC2020-892.html	https://meetings.org/epsc2020/EPSC2020-892.html	The art of exploring	De Toffoli B., Pozzobon R., Montagna C., Schiavo J., Scotton B.M., Fantino I., Massironi M.	EPSC	n/a	EPSC 2020-892	EPSC-Copernicus	Online	2020	No	Yes	Gold
https://meetings.org/epsc2020/EPSC2020-581.html	https://meetings.org/epsc2020/EPSC2020-581.html	Landing site characterization for Tsiolkovskiy crater	Tognon G., Pozzobon R., Massironi M.	EPSC	n/a	EPSC 2020-581	EPSC-Copernicus	Online	2020	No	No	Gold
https://meetings.org/epsc2020/EPSC2020-782.html	https://meetings.org/epsc2020/EPSC2020-782.html	On the asymmetry of Nathair Facula	Rothery D.A., Barraud O., Besse S., Carli C., Pegg D., Wright J., Zambon F.	EPSC	n/a	EPSC 2020-782	EPSC-Copernicus	Online	2020	No	Yes	Gold
https://meetings.org/epsc2020/EPSC2020-807.html	https://meetings.org/epsc2020/EPSC2020-807.html	Geological mapping of Mawrth Vallis, Mars, by PLANMAP	Wright J., Balme M., Davis J., Fawdon P. and Rothery D.A.	EPSC	n/a	EPSC 2020-807	EPSC-Copernicus	Online	2020	No	Yes	Gold
https://meetings.org/epsc2020/EPSC2020-794.html	https://meetings.org/epsc2020/EPSC2020-794.html	Investigating the Neruda-Paramour thrust system, Mercury	Man B., Rothery D.A., Balme M.R., Conway S.J. and Wright J.	EPSC	n/a	EPSC 2020-794	EPSC-Copernicus	Online	2020	No	Yes	Gold
https://www.hou.usra.edu/meetings/mexag2021/eposter/6002.pdf	https://www.hou.usra.edu/meetings/mexag2021/eposter/6002.pdf	Volcanology Targets for Future Exploration at Mercury	Rothery D.A., Man B., Malliband C.C., Pegg D.L., Wright J.	Annual Meeting of the Mercury Exploration Assessment Group	Annual	n/a	USRA	Online	2021	No	Yes	Gold
https://www.hou.usra.edu/meetings/mexag2021/eposter/6021.pdf	https://www.hou.usra.edu/meetings/mexag2021/eposter/6021.pdf	Geological Mapping of the Derain (H-10) Quadrangle	Malliband C.C., Rothery D.A., Balme M.R., Conway S.J.	Annual Meeting of the Mercury Exploration Assessment Group	Annual	n/a	USRA	Online	2021	No	Yes	Gold
https://www.hou.usra.edu/meetings/mexag2021/pdf/mexag2021_program.htm	https://www.hou.usra.edu/meetings/mexag2021/pdf/mexag2021_program.htm	Extensional Landforms as Evidence for Recent Large-Scale Compression al Tectonism?	Man B., Rothery D.A., Balme M.R., Conway S.J., Wright J.	Annual Meeting of the Mercury Exploration Assessment Group	Annual	n/a	USRA	Online	2021	No	Yes	Gold
https://www.hou.usra.edu/meetings/lpsc2021/pdf/1169.pdf	https://www.hou.usra.edu/meetings/lpsc2021/pdf/1169.pdf	Using Virtual Reality tools to characterize and measure sedimentary series in Gale crater: a case study	Caravaca G., Le Mouélic S., Le Deit L., Mangold N.	LPSC	52	1169	Lunar and Planetary Institute	Online	2021	Yes	Yes	Gold
https://www.hou.usra.edu/meetings/lpsc2021/pdf/1915.pdf	https://www.hou.usra.edu/meetings/lpsc2021/pdf/1915.pdf	The lunar south pole: A geological map of the South Pole-Aitken basin region	Poehler C.M., van der Bogert C.H., Hiesinger H., Ivanov M. and Head J.W.	LPSC	n/a	1915	Lunar and Planetary Institute	Online	2021	No	Yes	Gold
https://www.hou.usra.edu/meetings/lpsc2021/pdf/2351.pdf	https://www.hou.usra.edu/meetings/lpsc2021/pdf/2351.pdf	Absolute model ages for geological units in Schrödinger basin: Context for the 2024	van der Bogert C.H., Poehler C.M., Kring D.A. and Hiesinger H.	LPSC	n/a	2351	Lunar and Planetary Institute	Online	2021	No	Yes	Gold



		PRISM CLPS mission											
https://www.hou.usra.edu/meetings/lpsc2021/pdf/1917.pdf	https://www.hou.usra.edu/meetings/lpsc2021/pdf/1917.pdf	Investigating a potential source of young ages at Apollo 15 landing site	Iqbal W., Hiesinger H., van der Bogert C.H. and Head J.W.	LPSC	n/a	1917	Lunar and Planetary Institute	Online	2021	No	Yes	Gold	
https://www.hou.usra.edu/meetings/lpsc2021/	https://www.hou.usra.edu/meetings/lpsc2021/pdf/1934.pdf	Kuiper quadrangle (H06) geological map: integration between morphological and spectral characteristics	Giacomini L., Carli C., Zambon F., Galluzzi V., Ferrari S., Massironi M., Altieri F., Ferranti L., Palumbo P., Capaccioni F.	LPSC	n/a	1934	Lunar and Planetary Institute	Online	2021	No	Yes	Gold	
https://www.hou.usra.edu/meetings/lpsc2021/program/#Z	https://www.hou.usra.edu/meetings/lpsc2021/program/#Z	Spectral units identification in the H05-Hokusai quadrangle on Mercury	Zambon F., Carli C., Wright J., Rothery D.A., Altieri F., Massironi M., Capaccioni F. and Cremonese G.	LPSC	n/a	n/a	Lunar and Planetary Institute	Online	2021	No	No	Gold	
https://www.hou.usra.edu/meetings/lpsc2021/pdf/1514.pdf	https://www.hou.usra.edu/meetings/lpsc2021/pdf/1514.pdf	Using Virtual and Augmented Reality for Planetary surfaces investigations - a case study on Mars and the Moon	Le Mouélic S., Caravaca G., Mangold N., Wright J., Carli C., Altieri F., Zambon F., Van der Bogert C.H., Pozzobon R., Massironi M., De Toffoli B., Rossi A.P.	LPSC	52	1514	Lunar and Planetary Institute	Online	2021	Yes	No	Gold	
https://meetingorganizer.copernicus.org/EGU21/sessionprogramme#PS3	https://meetingorganizer.copernicus.org/EGU21/sessionprogramme#PS3	Spectral analysis of Apollo Basins on the Moon through spectral units identification	Zambon F., Carli C., Altieri F., Jean-Philippe Combe J-F., van der Bogert C.H., Poehler C.M., Hiesinger H., Le Mouélic S., Mangold N., Caravaca G. and Massironi M.	EGU	n/a	n/a	EGU-Copernicus	Online	2021	No	Yes	Gold	
https://meetingorganizer.copernicus.org/EGU21/sessionprogramme#PS6	https://meetingorganizer.copernicus.org/EGU21/sessionprogramme#PS6	Integration between morphological and spectral characteristics for the geological map of Kuiper quadrangle (H06)	Giacomini L., Carli C., Zambon F., Galluzzi V., Ferrari S., Massironi M., Altieri F., Ferranti L., Palumbo P. and Capaccioni F.	EGU	n/a	n/a	EGU-Copernicus	Online	2021	No	Yes	Gold	
https://meetingorganizer.copernicus.org/	https://meetingorganizer.copernicus.org/	Detailed age determinations for	Tognon G., Ferrari S., Pozzobon	EGU	n/a	n/a	EGU-Copernicus	Online	2021	No	No	Gold	



g/EGU21/sessionprogramme#PS6	g/EGU21/sessionprogramme#PS6	Tsiolkovskiy crater	R. Massironi M.										
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Table 4: Publications

Repository link	Link to publication	DOI	Title	Authors	Title of journal/conference	Number, date or frequency of journal	Pages	Publisher	Place of publication	Year	Is this peer reviewed publication	Is this a joint public/private publication?	Open Access
https://doi.org/10.1016/j.isg.2020.104083	https://www.sciencedirect.com/science/article/pii/S019181411930464X?casa_token=581FN-qEEIQAAAAA:5-kvYaczB3QAfi7QmhoFRBYUH_E7qEegreeExNuHIYgwLE70C6IJUBZMX5Pjbw5kRbx5TIQ	10.1016/j.isg.2020.104083	Structural analysis of sulfate vein networks in Gale crater (Mars)	De Toffoli B., Mangold N., Massironi M., Zanella A., Pozzobon R., Le Mouélic S., L'Haridon J., Cremonese G.	Journal of Structural Geology	n/a	104083	Elsevier	Online	2020	Yes	Yes	Green
https://hal.archives-ouvertes.fr/hal-02879333	https://www.mdpi.com/2072-4292/12/11/1900	10.3390/rs12111900	Investigating lunar boulders at the Apollo 17 landing site using photogrammetry and virtual reality	Le Mouélic S., Enguehard P., Schmitt H.H., Caravaca G., Seignover t B., Mangold N., Combe J-P., Civet F.	Remote Sensing	12 (11)	1900	MDPI	Online	2020	Yes	Yes	Gold
https://doi.org/10.31233/osf.io/tzd297	https://agupubs.onlinelibrary.wiley.com/doi/10.1029/2019JE006341	10.1029/2019JE006341	Tectonomagmatic, sedimentary and hydrothermal history of Arsinoes and Pyrrhae Chaos, Mars	Luzzi E., Rossi A.P., Carli C., Altieri F.	Journal of Geophysical Research - Planets	n/a	n/a	Wiley	Online	2020	Yes	No	Gold
http://oro.open.ac.uk/73304/15/73304.pdf	https://www.sciencedirect.com/science/article/pii/S0019103520305169	10.1016/j.icarus.2020.14180	On the asymmetry of Nathair Facula, Mercury	Rothery D.A., Barraud O., Besse S., Carli C., Pegg D.L., Wright J., Zambon F.	Icarus	Monthly	n/a	Elsevier	Online / Print	2020	Yes	Yes	Gold
https://link.springer.com/content/pdf/10.1007/s11214-020-00694-7.pdf	https://link.springer.com/content/pdf/10.1007/s11214-020-00694-7.pdf	10.1007/s11214-020-00694-7	Rationale for BepiColombo studies of Mercury's surface	Rothery D.A., Massironi M., Alemanno G., Barraud	Space Science Reviews	Monthly	n/a	Springer	Online / Print	2020	Yes	Yes	Gold



00694-7.pdf			and composition	O., Besse S., Bott N., Brunetto R., Bunce E., Byrne P. et al.										
http://oro.open.ac.uk/71653/1/Wright%20et%20al%202020%20Modification%20of%20Caloris%20ejecta.pdf	https://www.sciencedirect.com/science/article/pii/S0012821X20304635-main.pdf	10.1016/j.epsl.2020.116519	Modification of Caloris ejecta blocks by long-lived mass-wasting: A volatile-driven process?	Wright J., Conway S.J., Morino C., Rothery D.A., Balme M.R., Fassett C.I.	Earth and Planetary Science Letters	n/a	n/a	Elsevier	Online / Print	2020	Yes	Yes	Gold	
https://www.sciencedirect.com/science/article/pii/S0019103520303572	https://www.sciencedirect.com/science/article/pii/S0019103520303572	10.1016/j.icarus.2020.113991	Geological mapping and chronology of lunar landing sites: Apollo 12	Iqbal W., Hiesinger H. and van der Bogert C.H.	Icarus	352	113991	Elsevier	Online	2020	Yes	Yes	Gold	
https://data.planmap.eu/pub/mercury/PM-MER-MS-Rembrandt/	https://www.mdpi.com/2072-4292/12/19/3213	10.3390/rs12193213	An Integrated Geologic Map of the Rembrandt Basin, on Mercury, as a Starting Point for Stratigraphic Analysis	Semenzato A., Massironi M., Ferrari S., Galluzzi V., Rothery D.A., Pegg D.L., Pozzobon R., Marchi S.	Remote Sensing	n/a	n/a	MDPI	Online	2020	Yes	Yes	Gold	
https://data.planmap.eu/pub/mercury/PM-MER-MS-Lermontov/	https://www.sciencedirect.com/science/article/pii/S00320303063320303494	10.1016/j.pss.2020.105136	Lermontov crater on Mercury: Geology, morphology and spectral properties of the coexisting hollows and pyroclastic deposits	Pajola M., Lucchetti A., Semenzato A., Poggiali G., Munaretti G., Galluzzi V., Marzo G.A., Cremonese G., Brucato J.R., Palumbo P., Massironi M.	Planetary and Space Science	n/a	105139	Elsevier	Online	2021	Yes	Yes	Gold	
https://arxiv.org/abs/2010.00870	https://www.nature.com/articles/s41550-020-1200-6	10.1038/s41550-020-1200-6	Multiple subglacial water bodies below the south pole of Mars unveiled by new MARSIS data	Lauro S.E., Pettinelli E., Caprarello G., Guallini L., Rossi A.P., Mattei E., Cosciotti B., Cicchetti A., Soldovieri F., Cartacci M., Di Paolo F.,	Nature Astronomy	n/a	n/a	Nature Publishing Group	Online	2021	Yes	No	Green	



				Noschese R., Orosei R.									
https://doi.org/10.1029/2020GL091767	https://agupubs.onlinelibrary.wiley.com/doi/abs/10.1029/2020GL091767?casa_token=Sts9XnmI90IAAAAamgllw8goYppfm6SjdF6Pw4tpjE54WopqhlAg-x4E4vB6C3B36leuta1uPtc5FHu8hCwN_UGDrZv	10.1029/2020GL091767	Asymmetric magnetic anomalies over young impact craters on Mercury	Galluzzi V., Oliveira J.S., Wright J., Rothery D.A., Hood L.L.	Geophysical Research Letters	n/a	n/a	AGU	Online	2021	Yes	Yes	No
TBA	TBA	TBA	China's Chang'e-5 landing site: Geology, stratigraphy, and provenance of materials	Qian Y., Xiao L., Wang Q., Head J.W., Yang R., Kang Y., van der Bogert C.H., Hiesinger H., Lai X., Wang G., Pang Y., Zhang N., Yuan Y., He Q., Huang J., Zhao J., Wang J. and Zhao S.	Earth and Planetary Science Letters	n/a	n/a	Elsevier	Online	2021	Yes	Yes	Gold

Table 5: Outreach Activities

Authors	Date	Place	Title	Type of communication	Audience	Additional information
Matteo Massironi	05/06/2020	Associazione Pontina di Astronomia (online)	Cose degli altri mondi: personalità geologiche di corpi planetari a confronto	Public talk	General public	https://www.youtube.com/watch?v=VLP26ckfcw
Le Mouélic S., Caravaca G., Mangold N., Postiglione A.	29/09/2020	https://www.europlanet-society.org/using-virtual-and-augmented-reality-in-planetary-imaging-and-mapping/	Using Virtual and Augmented Reality in Planetary Imaging and Mapping	Press release	Press and media	
Caravaca G., Le Mouélic S., Mangold N.	23/10/2020	LPG Univ. Nantes	Official visit of the French minister for scientific research	Festival / Events	Decision makers and politics	
Matteo Massironi	12/11/2020	Museo civico di Rovereto (online)	Il futuro dell'esplorazione geologica e umana, dalla Luna a Marte	Public talk	General public	https://www.facebook.com/fondazione-museocivico-rovereto/videos/il-futuro-dellesplorazione-geologica-e-umana-dalla-luna-a-marte/645698266064631/
Le Mouélic S., Caravaca G., Tognon G., Mangold N., Tomasi I., Sauro F., Bessone L.	05/02/2021	LPG Univ. Nantes - Uni. Padova (online)	Virtual Reality environments for planetary applications and training for astronauts	Festival / Events	General professional public	Event promoted and funded by the Cassini Junior Program 2019 by the Ambassade de France en Italie/Institut Français Italia and co-funded by Uni. Padova-CISAS