

# ISPRS General Assembly 2022

XXIV Congress  
6-11 June 2022, Nice




---

Report on The ISPRS Foundation

Stewart Walker, Chair

## Introduction

The ISPRS Foundation Inc. is a non-profit entity, managed by a Board of Trustees, which responds to ISPRS grant needs that are identified by ISPRS Council, which will solicit proposals for grants and then collaborate with the Board to support worthy candidates. The Board is responsible for fund raising, investment, management and approval of grants from Foundation funds. Day-to-day operations of the Foundation are managed by an Executive Committee (ExCom), comprising the Chair, Operations Officer and Finance Officer. The Board is kept informed, especially with respect to the budget and the disbursement of grants.

The ISPRS Foundation (TIF) was legally established in August 2003 and the Trustees, comprised of prominent professionals in the fields of ISPRS, were then appointed. TIF has as its aims to improve the ability of ISPRS to satisfy its philanthropic aims and objectives, by administering a broadly-based international program of fund-raising to provide grants to qualified individuals and organizations pursuing and/or applying knowledge for advancing the sciences and technologies associated with the disciplines embodied by ISPRS.

The areas that are expected to be funded by TIF include travel grants, awards, awareness education, distance learning, exchange programs, fellowships, grants, international workshops, internships, preservation and archiving, research initiatives, scholarships, standards projects, tools and literature. It is contributing significantly to the efforts of ISPRS in capacity building, international cooperation and technology transfer. The Foundation has now been in operation for almost 17 years. The first grants were provided to participants to attend the mid-term Symposia in 2006 and further travel grants have been awarded every year except 2021.

## Summary of TIF Board of Trustees Decisions Prague 2016

The TIF Board of Trustees last met at the XXIII Congress in Prague, Czech Republic on 27 August 2016. The following decisions were made:

- Council Trustees Chen Jun and Jon Mills were replaced by Christian Heipke and Songnian Li. Stewart Walker was appointed Chair. Dieter Fritsch, who had extended his term till July 2016 in accordance with the decision made during the XXII Congress in Melbourne, Australia, and Juergen Dold indicated a wish to stand down and it was agreed to seek a replacement for the latter from Trimble.
- The existing officers, John Trinder and Marguerite Madden, were re-elected.
- Jon Mills agreed to continue as chair of Grants Evaluation Committee for one year, after which Songnian Li would take over. Mario Hernandez agreed to join that Committee. The Audit Committee would continue with Lewis Graham (chair), John Trinder and Laurent Polidori. The Marketing & Promotion Committee and the Large Grants Procurement Committee were unstaffed and inactive and should be reviewed.
- Recommendations were made on future members of the Board and committees as listed below.

- Large donors Leica Geosystems, Geoway and IGI were acknowledged. TIF had provided awards of USD 100,000 over the last four years, but donations had not increased, so TIF needed to increase its revenue, for example by fund-raising activities. The investments had not done well.
- Marguerite Madden reported on the awards made over the four years, totalling USD 172,378. TIF should request a donation from Council and construe the Geospatial Week events as a source of additional funds. Similarly, the Board should approach the Congress Director for a larger proportion of the registration income from the XXIV Congress in Nice, France. [Subsequently it was decided not to proceed with this request.]
- Dieter Fritsch undertook to provide annual reports for 2013, 2014 and 2015. Stewart Walker should handle those for 2016 *et seq.* [The reports for 2013, 2014 and 2015 were subsequently abandoned. It was decided no longer to provide annual reports but to create, in addition to this report for the XXIV Congress, a more detailed document about TIF, including historical material and information about award winners, which would appeal to a broader audience and also could be used for marketing purposes.]

#### **TIF Activities and Funding 2016-22 (Travel Grants and Awards for 2016-21 and planned for 2022)**

During the past six years, TIF has provided funding for the following activities:

#### **2016 – Total USD 55,496.98**

International Workshops: USD 7708.12

2015 YP-GRSS and ISPRS Summer School, Curitiba, Brazil, 26-30 October 2015	2045.66
Support Student Consortium Chair to attend 2016 Brazil Summer School	1575.00
2016 YP-GRSS and ISPRS Summer School, Presidente Prudente, Brazil, 26-30 September 2016	1332.46
15 <sup>th</sup> Student Consortium - WG VI/5 Summer School, Diyatalawa, Sri Lanka, 22-26 October 2016	2755.00

Travel Grants – USD 35,575.00.

- Partial travel grants were awarded for 62 participants from 33 countries to attend the XXIII Congress in Prague, Czech Republic.

Congress Awards – USD 12,713.86

- Wang Zhizhuo Award (CHF 2500 or USD 2568.66)
- Frederick J. Doyle Award (USD 2512.10)
- Finished and engraved Doyle medal (USD 439.86)
- CATCon (3) Awards - Gold (USD 3098.24), Silver (USD 2536.00) and Bronze (USD 1559.00) - for winners of software contest organized by ISPRS Commission VI Working Group 2, Computer Assisted Teaching and sponsored donor companies.

#### **2017 – Total USD 16,249.07**

International Workshops – USD 6950.75

2017 YP-GRSS and 16 <sup>th</sup> ISPRS Student Consortium and WG V/5 Summer School, Lages, Brazil, 2-6 October 2017, instructor travel	3007.28
---	---------

17 <sup>th</sup> Student Consortium - WG VI/5 Summer School at Asian Conference of Remote Sensing (ACRS), New Delhi, India, 23-27 October 2017, Student Consortium Board Members Travel	3943.47
---	---------

Travel Grants – USD 16,249.07

- ISPRS Hannover Workshop, ‘High-Resolution Earth Imaging for Geospatial Information’, at Leibniz University Hannover, Germany, 6-9 June 2017 (USD 4298.32), total 6 Travel Grants from 6 countries.
- ISPRS Geospatial Week 2017, Wuhan, China, 18-22 September 2017 (USD 2953.30), total 5 Travel Grants from 5 countries.

### 2018 - Total USD 35,698.84

International Workshops – USD 9703.07

ISPRS Summer School - Student Consortium - WG VI/5 at Asian Conference of Remote Sensing (ACRS), New Delhi, India, 23-27 October 2017, Student Consortium board member travel	2127.43
ISPRS Summer School, Dehradun, India, 30 October – 3 November, 2017, Indian Institute of Remote Sensing Indian Space Research Organization	4296.00
ISPRS Summer School, Beijing, China, 4-6 May 2018, Student Consortium board members travel	481.48
ISPRS Summer School, at Asian Conference of Remote Sensing (ACRS) 2018, Kuala Lumpur, Malaysia, 20-24 October 2018, Student Consortium board member travel	704.23
2018 IEEE/GRSS – Young Professionals and ISPRS Student Consortium and WG V/5 Summer School, Campo Grande, Brazil, 29 October-4 November 2018, instructor travel	2093.93

Travel Grants – USD 25,995.77

- Partial travel grants were awarded for 41 participants from 21 countries to attend ISPRS Symposia for Commissions I to VIII.

### 2019 – Total USD 38,915.61

International workshops – USD 14,152.53

ISPRS Summer School, at Asian Conference of Remote Sensing (ACRS) 2018, Kuala Lumpur, Malaysia, 20-24 October 2018, Geoscience and Digital Earth Centre, Univ. Technology Malaysia (3000 EUR) and Student Consortium board member travel	5220.49
ISPRS Summer School, at Geospatial Week, ITC Univ. of Twente, Enschede, The Netherlands, 12 June 2019	2574.65
ISPRS Summer School, Entebbe, Uganda, 22-24 July 2019, Dept. Geomatics and Land Management, Makerere University, instructor travel	1154.82
ISPRS Summer School, Wroclaw University, Poland, 26-30 October 2019, Wroclaw Univ. of Science and Technology (WURST) and Forest Research Institute, Student Consortium board member travel	657.19
ISPRS Summer School, Campo Grande, Brazil 2019, 29 October-4 November 2019, Student Consortium board member travel	2176.23
SERFA-ISPRS SAR Summer School, Sorocaba City, Brazil 2019, 10-14 November 2019, instructor travel	2369.15

Travel Grants – USD 24,763.08

- Photogrammetric Image Analysis (PIA) 2019/HRIGI in Munich, Germany, 18-20 September 2019 (USD 3869.32), total 5 Travel Grants from 3 countries.
- Student Consortium Board Meeting at TC-V Symposium, Dehradun, India, 18-23 November 2018 (USD 2630.09), total 2 Travel Grants from 1 country.
- ISPRS Geospatial Week-2019, 10-14 June 2019, Enschede, The Netherlands, (USD 13,100.00), Total 19 Travel Grants from 15 countries.
- CIPA International Symposium, 1-5 September 2019, Avila, Spain, (USD 5163.67), Total 6 Travel Grants from 5 countries.

## 2020 – Total USD 5743.96

### International workshops – USD 3359.00

ISPRS Summer School, at Asian Conference of Remote Sensing (ACRS) 2019, Daejeon, South Korea, 14-18 October 2019, Korean Society for Remote Sensing for organizing the Summer School (3000 EUR)	3359.00
---	---------

### Travel Grants – USD 631.44

- XXIV Congress, Nice, France, 12-18 July 2020 (moved to virtual and postponed due to COVID-19) (USD 331.44)\*
- Latin American GRSS & ISPRS Remote Sensing (LAGIRS) Conference, Santiago, Chile, 22-27 March 2020 (USD 300.00)\*

\*These reimbursements reflect expenses paid in advance by TIF Travel Grant recipients that could not be cancelled.

### Congress Awards – USD 1753.52

- Frederick Doyle Medals were finished (3) with medal housings (3) and shipping from Alto University, Finland to ISPRS (Hannover, Germany) (USD 1753.32)

## 2021 – Total USD 2500\*

- Frederick Doyle Award recipient, Konrad Schindler (USD 2500.00)

\*No TIF travel grants were awarded in 2021 due to travel restrictions and all virtual conferences.

## 2022 – Total USD 44,532\*

### Travel Grants – USD 34,600.00

- Partial travel grants were awarded for 63 participants from 23 countries to attend the XXIV Congress in Nice, France.
  - Fee waiver only – 10 awards for a total of €5600, funded by Institut de recherche pour le développement (IRD), as explained later in this report
  - Fee waiver and travel grant – 29 awards for a total of €11,550 for fee waivers, funded by IRD, and \$17,300 cash travel grants, funded by TIF
  - Travel grant only – 24 awards for a total of \$17,300, funded by TIF

### Congress Awards – USD 9932 (estimated currency conversion)

- Wang Zhizhuo Award (CHF 2500)
- Frederick J. Doyle Award (USD 2500 paid in 2021)
- 3 finished, engraved and shipped Doyle medals (USD 1753.52 paid in 2020)

- CATCON (3) Awards - Gold (CHF 3000), Silver (CHF 2500) and Bronze (CHF 1500) - for winners of software contest organized by ISPRS WG V/1.

\* This report includes all awards up to and including those related to the XXIV Congress. It is possible that other awards will be made before the end of 2022.

\*\* The awards are listed with the currencies and amounts given in the deeds. TIF usually pays out awards in USD, using the prevailing ISPRS exchange rates to compute the amounts. The USD amounts given here, in advance of the Congress, are, therefore, estimates.

### Summary 2016-22

Total grants for the period 2016-2021 were USD 159,883.62. An additional USD 34,600 for TIF Travel Grants and USD 9932 for Congress Awards (plus 17,150 EUR from the Congress/IRD in reduced registration fees) is expected to be granted in 2022 for the XXIV Congress.

Figures 1a and 1b, respectively, show TIF Travel Grant recipients receiving their awards.





Figure 1. TIF Travel Grant recipients at the: a) Technical Commission I Symposium held in 2018 in Karlsruhe, Germany; and b) Technical Commission IV Symposium held in 2018 in Delft, The Netherlands.

### **TIF IGI Africa Ambassador Award**

IGI has offered the IGI Ambassador Award, via TIF, valued at 2500 EUR per year, to young scientists in photogrammetry and laser scanning coming from regionally under-represented African countries in the geospatial sciences and technology fields. The award, which allowed for visits at IGI's main office, Kreuztal, Germany, and active participation at ISPRS Workshops, Conferences, and Symposia, was first made in 2016. A further award was made in 2018, but the winner, from Kenya, was unable to obtain a visa to visit Germany. In 2022, IGI decided to discontinue the award.

### **AGSI Award**

The African Geospatial Sciences Institute (AGSI) was a non-profit NGO established in Tunisia in 2012 to accelerate geospatial capacity development in North Africa. In 2018, however, it decided to cease operations. Its remaining funds, USD 1508.45, were transferred to TIF later that year, to be used as a single award to support attendance by one or two early-career researchers from North African countries in the geospatial sciences and technology fields at the XXIV ISPRS Congress, so the funds would now be used for a 2022 attendee. A Selection Committee to decide the winners comprises Stefan Oeldenberger, Chairman of AGSI; Prof. John Trinder, Operations Officer of TIF; and Dr. Stewart Walker, Chair of the Board of Trustees of TIF. The funds would be exhausted and the award discontinued thereafter. Unfortunately, of the successful candidates for TIF grants to attend the XXIV Congress, none met the criteria for the AGSI Award, so discussions are ongoing between TIF and the officers of AGSI to determine the way forward.

**IRD: French research funds in support of attendance at XXIV Congress**

Institut de recherche pour le développement (IRD) is a French research organization founded in 1937. Emphasizing interdisciplinarity, IRD has focused its research on the relationship between man and its environment in Africa, the Mediterranean, Latin America, Asia, and the French tropical overseas territories. IRD's research, training, and innovation activities are intended to contribute to the social, economic, and cultural development of southern countries. IRD agreed to provide additional funds of 30,000 EUR to support waiving of registration fees at the XXIV Congress. These grants were to be awarded to applicants from countries and territories eligible to receive official development assistance (ODA). The Grants Evaluation Committee decided which of the successful applicants for TIF travel grants to attend the Congress will be funded from the IRD contribution. 39 fee waivers were made, totalling 17,150 EUR.

**ISPRS WEC Kennert Torlegård Travel Grant**

A White Elephant Restricted Kennert Torlegård Travel Grant Fund has been established in TIF to support young people to attend ISPRS events and especially the quadrennial ISPRS Congresses. The restricted grant category will be funded by senior members of ISPRS, who are members of the White Elephant Club (WEC - a group of previously or still active senior officers of ISPRS and other recognized persons with close relations to ISPRS, founded in 2004) and wish to demonstrate their continued commitment to the aims and goals of ISPRS. By supporting outstanding young scientists worldwide to attend ISPRS congresses, the Fund will demonstrate the commitment of WEC to the future of ISPRS. The support for these young people will encourage and equip them to take over leadership in ISPRS in the future. Members of WEC donate generously to the Fund to enable TIF to support as many young people as possible to attend ISPRS events. The White Elephants Travel Grants were offered for the first time in 2016 for awardees to attend the XXIII Congress (total 3200.00 USD). A deed was prepared in 2021 formally naming the award as the ISPRS WEC Kennert Torlegård Travel Grant. To be eligible for the Award, the candidate must have produced a high-quality paper in the areas of digital terrain modelling, surface modelling or related topics. This paper can be the one that the candidate plans to present at the ISPRS Congress for which he/she is applying for the Award, provided that it has been accepted by the Congress organizers for presentation and inclusion in the *ISPRS Archives or Annals*.

**Financial Statements (2016-21)**

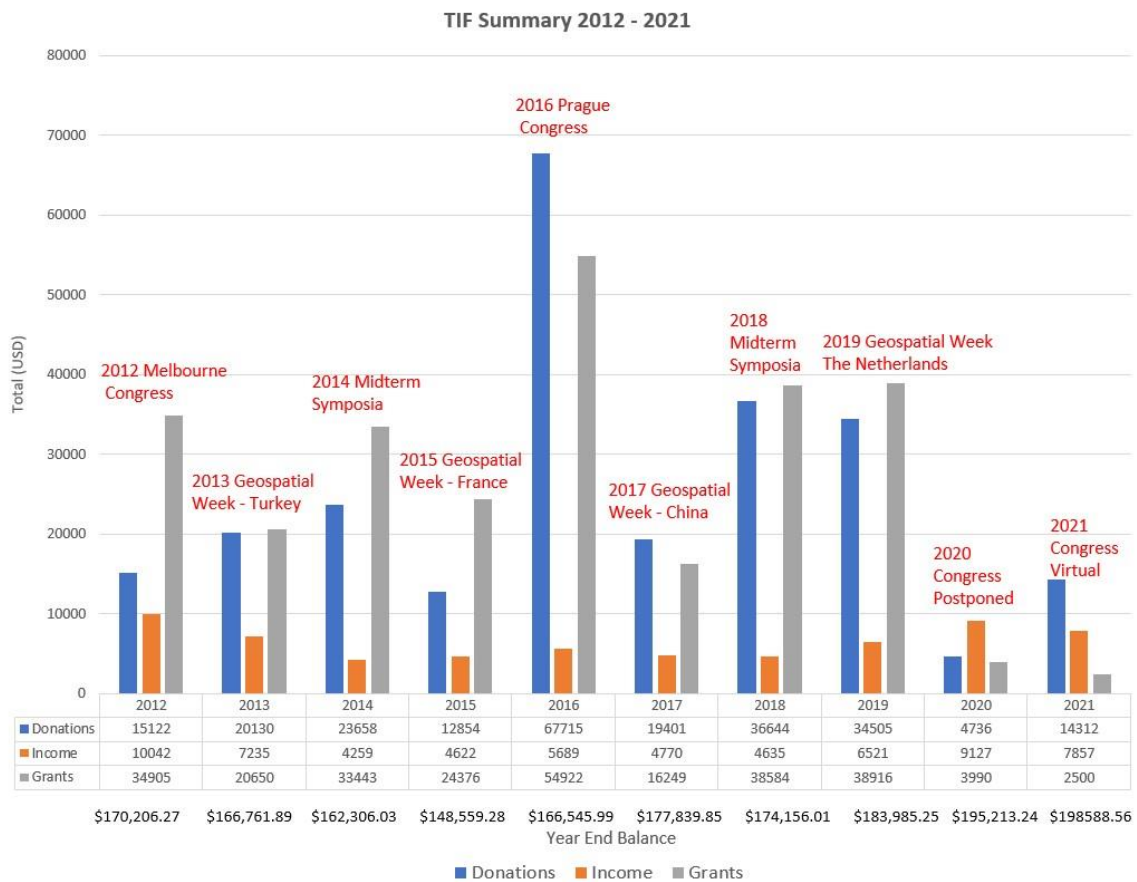
The Bylaws were constructed in accordance with regulations to be exempt from Federal and other taxation. The Foundation's net worth is expressed as Net Fair Market Value (NFMV), which takes into account unrealized gains and losses on investments on an annual basis. Over the past six years, the year-end NFMV in USD, the amount of grants, administrative costs, and investment earnings are listed in Table 1.

**Table 1. TIF Net Fair Market Value (NFMV), Grants, Admin Costs, Earnings and Donations**

Year-End	NFMV	Grants Distributed	Operating Costs (% of NFMV)	Investment Earnings	Donations
2016	166545.99	61126.14	0.75	5688.61	67715.18
2017	178189.87	15899.07	0.08	4770.35	19401.00
2018	167831.01	35698.84	1.98	4635.70	38157.83
2019	194003.63	38915.61	0.89	5373.13	34405.20
2020	196688.46	5743.96	0.09	17092.92	4735.89
2021	193142.60	2500.00	2.07	7857.22	14312.31
2022 (estimated)	200000	44532	1.00	6000	45000

## Summary of Financial Performance

The following graph provides a summary of donations, interest, awards and end-of-year balance for the period 2106-21:



## General Comments on Financial Statements

- TIF was informed in November 2021 that the Indian Society of Remote Sensing (ISRS) intended to donate USD 10,000 to TIF. The formalities were completed in March 2022.
- For some years, TIF has used the address of ASPRS in Bethesda, Maryland, USA as its formal address. ASPRS, however, has begun to use the address of the association management company that handles much of its administrative and financial work, in Baton Rouge, Louisiana, USA. As of this writing, TIF was investigating whether action is needed. ASPRS still owns the building in Bethesda, so it may be possible for TIF to continue using this address.
- As of this writing, the accounts for the period 2016-21 were in an advanced stage of preparation and it was expected that these would be presented to the Audit Committee before the XXIV Congress.

## Acknowledgement of Major Donors

TIF is grateful to the following organizations for their support and generous donations:

- Leica Geosystems, for its donations of CHF 5000 per year (period 2012-2022)
- IGI, Kreuztal, Germany, for its donation of 2500 EUR in 2016 to support the TIF IGI Ambassador Award
- The Ministry of Municipal and Rural Affairs, Saudi Arabia, for its Unrestricted donation of USD 2000 in 2019



- The National Administration of Surveying, Mapping and Geoinformation, China, for its donation of CHF 2500 in 2008 and 2012 and USD 2500 in 2016 and 2022 to cover the Wang Zhizhou Award (USD 2550 in 2016)
- Members of the White Elephant Club, for generously donating annually to TIF
- ISRS, for its donation of USD 10,000 in 2022.
- ISPRS Council for continued financial support for TIF activities over the past six years
- ISPRS Council and the event organizers, for enabling TIF to receive donations from Congress and GeoWeek registrations:
  - 2016 – XXIII Congress, Prague, Czech Republic, USD 4927.47
  - 2017 – Geospatial Week, Wuhan University, Wuhan, China, USD 2236.00
  - 2019 – Geospatial Week, ITC Twente University, Enschede, The Netherlands, USD 2879.95
  - 2022 – XXIV Congress, Nice, France, USD 2000 (estimated)

### **Board of Trustees – 2016-2022**

The Board of Trustees comprises 11 persons, who are appointed by ISPRS Council. Only two members of the Board of Trustees may be members of the existing Council of ISPRS. Trustees are leaders in fields of the photogrammetry, remote sensing and spatial information sciences, who have significant knowledge and experience in the needs of industry and governments. Membership of the Board reflects the international character and diversity of the Society. Trustees do not receive any salary or other compensation for their services.

Special thanks and acknowledgements are extended to all present and past Board members for their commitment and contributions to the work of TIF.

#### **Current Board Members**

Stewart Walker, photogrammetry4u, San Diego, California, USA – Chair and ExCom member – newly appointed 2016

John Trinder, University of New South Wales, Sydney, Australia – Operations Officer and ExCom member

Marguerite Madden, University of Georgia, Athens, Georgia, USA – Finance Officer and ExCom member

Ron Bisio, Trimble, Westminster, Colorado, USA – newly appointed 2017

Sandra Maria Fonseca da Costa, UNIVAP, São José dos Campos, SP, Brazil – newly appointed 2020

Michael Gruber, Vexcel Imaging, Graz, Austria – newly appointed 2019

Christian Heipke, Leibniz University Hannover, Hannover, Germany – ISPRS Council representative

Lawrie Jordan, Esri, Redlands, USA

Songnian Li, Ryerson University, Toronto, Canada – ISPRS Council representative

Shailesh Nayak, National Institute of Advanced Studies, Bangalore, India – newly appointed 2019

Qihao Weng, Hong Kong Polytechnic University, Hong Kong – newly appointed 2021

#### **Former Board Members**

Li Deren, Wuhan University, Wuhan, China (term ended 2018, but he continued until Qihao Weng was appointed)

Lewis Graham, GeoCue Group, Madison, Alabama, USA (resigned 2019)

Mario Hernandez, Mies, Switzerland (term ended February 2020, but he continued until Sandra Maria Fonseca da Costa was appointed)

Mazlan Othman, International Science Council for Science Regional Office for Asia and the Pacific, Kuala Lumpur, Malaysia (term ended 2018, but she continued until Shailesh Nayak was appointed)

### **Office Bearers – 2016-2022**

Chair – Stewart Walker

Operations Officer –John Trinder

Finance Officer – Marguerite Madden

### **Board Meetings**

A meeting of the TIF Board of Trustees was held on 27 August 2016 during the XXIII Congress, with eight Board members in attendance and Stewart Walker via Skype. See above.

A meeting will be held in Nice, France, during the XXIV Congress.

### **Committees**

The Board eliminated the Marketing and Promotions Committee and Large Grants Procurement Committee in 2019, since they were not active, and replaced them with the Fund-Raising Committee (see below). Thus the following Committees assist TIF in its operations. Members of these Committees and Terms of Reference are given in the Appendix.

- Audit Committee
  - Executive Committee
  - Fund-Raising Committee
  - Grants Evaluation Committee
- 
- The Executive Committee held 11 meetings from December 2016 to March 2022. Each meeting was carefully minuted and the results sent to the Board of Trustees.
  - It became clear during the period 2016-18 that not only were the Marketing and Promotions Committee and the Large Grants Procurement Committee ineffective, but there was little significant growth in TIF's funding, so no expansion could be expected in its activities. It was decided to form a Fund-Raising Committee to solicit donations in a planned, measured way. Terms of reference were developed in 2018 and Michael Gruber became chair in 2019. He has recruited nine members (see Appendix), with the goal of covering the globe as widely as possible. By the end of 2021, the Committee had developed lists of possible donors in several countries and began sending packages of material to carefully selected individuals in the prospective donor organizations. In each case, the Committee selected which of its members would be best to make contact, or whether to ask a trustee to do so instead. As of this writing, 80 organizations in 32 countries, including Africa, the Middle East and India, had been approached. It is hoped that initial successes will be reported at the meeting of the Board of Trustees during the XXIV Congress.

### **Marketing and Website**

TIF updated its brochure and PowerPoint presentation several times during 2016-22. The latest versions are on the website and have been distributed to the Board of Trustees to be used more widely.

Throughout the period, TIF has been supported meticulously and enthusiastically by Markus English, the ISPRS webmaster at the University of Stuttgart, Stuttgart, Germany, who has ensured that all requested changes to the TIF web pages were made immediately.

TIF is aware that a stronger presence on social media would be beneficial, in terms of not only attracting more applications for grants but also publicizing its work and attracting donors. Whereas there had been 216 applications for grants for the XXIII Congress, there were only 69 for the XXIV. Though this was partly the result of the two postponements and the associated uncertainty, it seems clear that TIF's activities need to be better known amongst students and early-career researchers.

### **Conclusions and Outlook**

The continued need to provide assistance to young scientists to attend international workshops and ISPRS sponsored events has placed strong demands on TIF to attract funds. Nevertheless, TIF has been able to provide assistance to many young scientists from developing countries throughout the past six years.

The Net Fair Market Value (NFMV) has not increased to satisfy the Board's resolutions in 2012 to boost capital by 5% per year and providing USD 30,000 per year in grants. However, despite the difficult financial times the NFMV has risen slowly from the amount of approximately USD 170,000, thanks to the generous support of major donors for which the Board is very much appreciative. All persons involved in ISPRS are urged to seek donors for TIF so that its very beneficial work can continue. The path to growth inevitably involves more donations, so the Fund-Raising Committee has been created to address this. The activities of this committee will be critical to TIF's growth.

Certain obstacles impede the progress of TIF. It has proved difficult to recruit trustees, as a result of which many trustees have served beyond the two three-year terms specified in the bylaws. It has been even more difficult to recruit trustees to replace the Finance Officer and Operations Officer, both in their 4<sup>th</sup> terms. Nevertheless, once the duties of several individuals are clarified during the XXIV Congress, it should be possible to move forward. We hope that the trustees will become more engaged in TIF, for example by assisting the Fund-Raising Committee, and that we will thus be able to benefit fully from these talented, successful individuals, who volunteer their time to TIF.

Stewart Walker, Chair

## **APPENDIX – TIF COMMITTEES**

### **Audit Committee**

#### **Terms of Reference of Audit Committee**

The responsibilities of the Audit Committee are to advise the Board of Trustees with its:

1. Submission of a report every February of its findings resulting from its independent examination and audit of all Foundation income and expenses of the preceding year.
2. Recommendations for improving the rules and procedures governing the receipt, anonymity and investment of gifts and donations, consistent with Foundation Bylaws and with federal and state law.
3. Recommendations for improving the rules and procedures governing the disbursement of grants, consistent with Foundation Bylaws and with federal and state law.
4. Prompt review of all proposed Foundation contracts and agreements to ensure consistency with Foundation Bylaws, as may be deemed necessary to carry on the business of the Foundation.
5. The term of members of the Committee will be three (3) years, with the term of the Chair for one (1) year, when it will be passed to another member of the Committee.

#### **Members of Audit Committee**

Chair and Trustee – Shailesh Nayak, National Institute of Advanced Studies, Bangalore, India

Trustee and Operations Officer – John Trinder, Australia

Trustee – Qihao Weng, Hong Kong Polytechnic University, Hong Kong

Member – Laurent Polidori, CESBIO, Toulouse, France

### **Executive Committee**

#### **Terms of Reference of Executive Committee**

1. Address daily issues (ongoing)
2. Set agenda for Board meetings (annual)
3. Draft documents (ongoing)
  - terms of reference;
  - operating procedures;
  - publicity;
  - investment policy;
  - annual reports

#### **Members of Executive Committee**

Chair and Trustee – Stewart Walker, USA

Member, Trustee and Operations Officer – John Trinder, Australia

Member, Trustee and Finance Officer – Marguerite Madden, University of Georgia, Athens, Georgia

### **Fund-Raising Committee**

#### **Terms of Reference of Fund-Raising Committee**

Support the Board of Trustees with the following:

1. Identify and follow up opportunities to increase funding from international grant-funding agencies/foundations, private sector organizations and government organizations
  - a. Identify prospective donors likely to be sympathetic to the goals of ISPRS and TIF
  - b. Publicize the aims of ISPRS and TIF to these organizations
  - c. Develop appropriate procedures and points of contact for approaching, then applying for grants or seeking donations from, these organizations
  - d. Develop procedures for renewal/maintenance of annual grants and donations from these organizations
  - e. Following on from §1(a)-(d) above, take actions jointly with the Board of Trustees to secure grants or donations or renewals from these organizations.
2. Identify and follow up other opportunities to increase funding
  - a. Identify opportunities to increase funding levels from existing donors
  - b. Identify new opportunities to raise funds, e.g. within ISPRS and/or TIF
  - c. Identify individuals who may be interested in donating
  - d. Following on from §2(a)-(c) above, take actions jointly with the Board of Trustees to secure donations.
3. Publicize the goals and work of TIF worldwide
  - a. Identify target audiences that may not be aware of TIF
  - b. Develop appropriate communications materials, including but not limited to brochure, PowerPoint presentation, website
  - c. Following on from §3(a)-(b) above, take actions jointly with the Board of Trustees to use these materials and ensure that TIF's message reaches the target audiences.

**Members of Fund-Raising Committee**

Chair and Trustee – Michael Gruber, Vexcel Imaging, Graz, Austria

Member and Trustee – Ron Bisio, Trimble, Westminster, Colorado, USA

Member and Trustee - Sandra Maria Fonseca da Costa, UNIVAP, São José dos Campos, SP, Brazil

Member and Trustee – Lawrie Jordan, Esri, Redlands, California, USA

Member and Trustee – Qihao Weng, Hong Kong Polytechnic University, Hong Kong

Member – Paul Marshall, Southampton, UK

Member – Fabio Menna, Fondazione Bruno Kessler, Trento, Italy

Member – Marko Pasko, Expert\_for\_3D\_Landscape, Bratislava, Slovak Republic

Member – Miguel Pelaz, GeoToolBox Ibérica, Madrid, Spain

Member – Sisi Zlatanova, University of New South Wales, Sydney, Australia

**Grants Evaluation Committee**

**Terms of Reference of Grants Evaluation Committee**

1. Make recommendations to the Board of Trustees on priorities for grants in any 12-month period.
2. Consider applications for grants and make recommendations to the Board of Trustees.
3. Generally advise the Board on matter relating to grants.

**Members of Grants Evaluation Committee**

Chair and Trustee – Songnian Li, Ryerson University, Toronto, Canada

Member - Nguyen Dinh Duong, Vietnam Academy of Science and Technology, Hanoi, Vietnam

Member - Hussein Farah, Kenya

Member and Trustee – Mario Hernandez, Mies, Switzerland

Member - Rakesh Malhotra, North Carolina Central University, Durham, USA

Member - Norbert Pfeiffer, T U Wien, Vienna, Austria

Member - Sisi Zlatanova, University of New South Wales, Sydney, Australia