

## Fei-Shuo Hung (洪飛碩)

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### Education

- PhD, Department of Architecture, National Cheng Kung University, Taiwan, 2010

### Area of Specialty

- Cultural Tourism , 3D printed and Green Architecture Materials
- The Administration of leisure Service
- Healthy Environment assessment design, Customer Experience
- Sustainable Development, Tourism management and Leisure Farm

### Academic Experience

- Associate Professor, Department of Leisure, Recreation and Tourism Management, Southern Taiwan University of Science and Technology, Taiwan, 2020 / 02 to present
- Assistant Professor, Department of Leisure, Recreation and Tourism Management, Southern Taiwan University of Science and Technology, Taiwan, 2018 / 08 to 2020/01
- Assistant Professor, Department of Travel Industry Management, Far East University, Taiwan, 2012 / 08 to 2018 / 07
- Postdoctoral Researcher, Archilife Environ-Control Research Center, National Cheng Kung University, Taiwan, 2010 / 06 to 2012 / 07

### Journal Papers

1. F. S. Hung\*, Biotechnology of ore materials: Chili absorption of natural Mg and Zn ions released from modified serpentinite powders, Vol. 17(7), Journal Current Materials Science ,2023.(Scopus 1.2).
2. F. S. Hung\*, Growth characteristics of shallots and absorption of Mg ions dissolved from serpentinites, Emerging Materials Research, issue 11 11(4), pp. 1–6, 2022. (SCI, IF= 1.761)
3. F. S. Hung\*, Polymer Coating Effects: Study of Material Properties and Architectural Application Characteristics of Aluminum Template, Journal of Coatings, Vol. 11(2), 240, 2021. (SCI, IF: 2.436/Scopus)
4. F. S. Hung\*, Design of Lightweight Aluminum Alloy Building Materials for Corrosion and Wear Resistance, Journal of Emerging Materials Research, 9(3), pp. 1–11, 2020. (SCI, IF= 0.413)
5. F. S. Hung\*, Material Application of a Transformer Box: A Study on the Electromagnetic Shielding Characteristics of Al–Ta Coating Film with Plasma-Spray Process, Journal of Coatings, Vol. 9 (8) 495, 2019. (SCI, IF= 2.330 / Q2)
6. F. S. Hung\*, Characterization of 3D printed acrylonitrile butadiene styrene with nano-particles, Journal of Emerging Materials Research, Vol. 8(3), pp. 1-6, 2019. (SCI, 265/271=97%, IF= 0.313)
7. F. S. Hung\*, The effect of Sn-Al-C composite powders on the electromagnetic interference shielding of capsule building materials, Materials Science and Engineering 474, 2019, (SCI /EI, ISSN: 1757-899X)
8. F. S. Hung\*, Multi-Layered effects of Fe on EMI shielding of Sn-Al architectural powder, Emerging Materials Research, Vol. 5(2), pp. 228-231, 2016 (SCI, 265/271=97%, IF= 0.313).
9. F. S. Hung\* and C. H. Lee, Green Tourism and Physical Environment Assessment Design, Advanced Materials Research, Vol. 804, pp. 1023-8824, 2014 (SCI/EI, ISSN: 10226680)
10. F. S. Hung\*, Adding effects of Ni and Mn on electromagnetic interference (EMI) shield of Sn-

based architectural materials, *Trans. Nonferrous Met. Soc.*, Vol. 23, pp.2633-2637, 2013. (SCI, 25/73=34%, IF=1.340)

11. F. S. Hung\* and T. Y. Tuan, Physical Environment Assessment Tools for the Performance of Leisure Agricultural, *Applied Mechanics and Materials*, Vol. 295-298, pp. 712-721, 2013 (SCI/EI, ISSN:16609336).
12. F. S. Hung\*, Building materials effects of Al Content and Physical Properties on the Electromagnetic Interference Shielding of Sn Based Coating Thin Layers, *Journal of Applied Mechanics and Materials*, Vol.142, pp.142-151, 2012 (SCI/EI, ISSN:16609336).
13. F. S. Hung\* and C. M. Chiang, Innovation and Annealed Effect of Sn-Al and Sn-Cu Composite Thin Films on the Electromagnetic Interference Shielding for the Green Materials, *Advanced Materials Research*, Vol.347-353, pp.547-554, 2011 (SCI/EI, ISSN: 10226680).
14. F. S. Hung\* and C. M. Chiang, Effects of the Sn-Al and Sn-Cu Thin Films on the Electromagnetic Interference Shielding for the Advanced Materials, *Trans. Nonferrous Met. Soc.*, Vol.21 No. 9, pp. 2020 - 2025, 2011 (SCI, 26/75 =34%, IF=1.001).
15. F. S. Hung\* and C. M. Chiang, Crystallization and Annealing Effects of Sputtered Tin Alloy Films on Electromagnetic Interference Shielding, *Applied Surface Science*, Vol. 257 (8), pp.3733-3738, 2011 (SCI, 2/18=11%, IF=3.150).
16. F. S. Hung\* and C. M. Chiang, Microstructural Effects of the Sn-Al and Sn-Cu Thin Films on the Electromagnetic Interference Shielding for the Advanced Building Materials, *Journal of Architecture*, No. 71, pp.177-186, 2010 (TSSCI).
17. F. S. Hung\* and C. M. Chiang, Electromagnetic Interference Shielding Characteristics of Sn-Al powder coating layers, *Materials Transactions*, Vol. 49 (3), pp. 655-660, 2008 (SCI, 26/75=34%, IF=1.001).

#### Conference Papers

1. F. S. Hung\*, The research of the leisure farm experience and visitor's satisfaction--The case of Chulu cow ranch, Southern Taiwan University of Science and Technology. (May, 2021, Tainan)
2. F. S. Hung A Study on the Development of Recreation and Eco tourism An Example of Beigan township , Southern Taiwan University of Science and Technology. (May, 2021 ,Tainan)
3. F. S. Hung\*, A Discourse on the Cultural Images and Taiwanese Indigenous People's Cultural and Creative Product: An Example of Paiwan Clan in Sandimen Township, Southern Taiwan University of Science and Technology. (May, 2020, Tainan)
4. F. S. Hung\*, A Study on the Sustainable Development of Xinguang Painted Art Village from the Perspective of Community Creation, Southern Taiwan University of Science and Technology. (May, 2019, Tainan)
5. F. S. Hung\*, A Study on the Service Quality of Tourism Development and the Cognition of Revisiting - An Empirical Study of Kinmen, Southern Taiwan University of Science and Technology. (May, 2019, Tainan)
6. F. S. Hung\*, Effect of mineral particles blended on the material characteristics of paiwan qinaciljai a umaq 3D printed acrylonitrile butadiene styrene for capsule hotel material application, The 7th Global Conference on Materials Science and Engineering. (Nov, 2018, China).
7. F. S. Hung\*, A Study on the Tourist Interrelationship among Low Carbon Travel, industry knowledge and satisfaction - A Case Study of Tsou-Ma-Lai Farm, Southern Taiwan University of Science and Technology. (Oct, 2017, Tainan)
8. F. S. Hung\*, A Study of service quality and satisfaction of Resort Hotel - a Case of Guanziling Hot Spring Area, Southern Taiwan University of Science and Technology. (Oct, 2017, Tainan)
9. F. S. Hung\*, Study on visitor' s recreated service quality and satisfaction at the reservoir scenic area-A case study of the Wu-San-To reservoir scenic area, Southern Taiwan University of Science and Technology. (Oct, 2017, Tainan)
10. F. S. Hung\*, Tzu-Yu Hung, Chia-Yu Wang, Tzu-Yu Liu, Yu-Jing Lin and Ya-Ching Hsu, Study on Service Quality and Tourists Satisfaction to the different genders- Chu Lu Ranch as an Example,

- 2017, National Taitung University. (May, 2017, Taitung)
11. F. S. Hung\*, A Study of the Association between the Quality of Service and Experimental: A Study of Jiangnan Resort, 2017, National Taitung University (May, 2017, Taitung)
  12. F. S. Hung\*, The Effect of Leisure Activity Participation on effectiveness of Leisure Activity and Emotional Experiences, 2017, National Kaohsiung University of Applied Sciences. (June, 2017, Kaohsiung).
  13. F. S. Hung\*, Research on the relationship among consumers' brand Image and Service Quality - An Empirical Study of Mr. Brown Coffee, 2017, National Kaohsiung University of Applied Sciences . (June, 2017, Kaohsiung).
  14. F. S. Hung\* and J. Q. LU, Research on the relationship among consumers' Brand Image, Service Quality, Satisfaction and Loyalty- An Empirical Study of Mr. Brown Coffee, The 17th Leisure, Recreation, and Tourism Research Symposium and International Forum of the Outdoor Recreation Association. (Oct, 2016, Nantao)
  15. F. S. Hung\*, S. Q. Zhan and Y. M. Wu, A Study on the Brand Image, Service Quality and Customer Satisfaction of Aviation Companies, The 16th Leisure, Recreation and Tourism Research Symposium and International Forum. (Sep, 2016, TPE)
  16. F. S. Hung\* and C. H. Lee, Night Market Experience and Impression Survey with Feng-Jia Night Market as Example, ICIMM. (July, 2016, SG)
  17. F. S. Hung\* and C. M. Chiang, Innovation and Annealed Effect of Sn-Al and Sn-Cu Composite Thin Films on the Electromagnetic Interference Shielding for the Green Materials, EESD (Oct, 2015, Shanghai)
  18. F. S. Hung\* and C. M. Chiang, A study on the microstructures and electromagnetic interference shielding of Sn-Al-Ni thin films, TMS (Feb, 2014, USA)
  19. F. S. Hung, C. M. Chiang, T, Electromagnetic Interference Shielding in Sn-Al-(Ni) Thin Films, ICMAT & IUMRS-ICA (June, 2013, SG).
  20. F. S. Hung\*, Effects of Al Content and Physical Properties on the Electromagnetic Interference Shielding of Sn-xAl Coating Thin Layers, ICMCTF (Apr, 2012, USA).

## Professional Certifications

1. Registered Landscape Architect (PRC) , CN, No: 1118001228100760.
2. Adobe Certified Associate (ACA), Adobe Dreamweaver, No: 01640320150820020001
3. Utility Quality Engineer Quality Engineer, No: EE1013606.
4. International Etiquette receptionist, No: 6897-1020116506.
5. Certified Marketing Professional, No: 80991030523002408
6. E-COMMER IMPLEMENTATION, No: CAXP25004371305240031.
7. E-Commerce Technical Engineer, No: CAXP25002361406260131.
8. E-Commerce Associate, No: CAXP25002351406260131
9. TAIWAN E-Commerce Professional, No: CAXPQTB20140707049
10. Web Communication Using Adobe Dreamweaver CS6, No: eehR-4TA5.

## Grants

1. Ministry of Science and Technology (MOST), No: 107-2622-E-218 -007 -CC3, "Effects of mineral particles blended on the material strength, wear and EMI characteristics of 3D printed acrylonitrile butadiene styrene for the stone house of indigenous people to capsule hotel material application" , 2018-2019.
2. Ministry of Science and Technology (MOST), No: 106-2622-E-269 -002 -CC3, "Constructing An Evaluation Model of Sustainable Management Strategy for Promoting Ecotourism of Leisure Farm", 2017.
3. Ministry of Education (MOE), No: 104-23-60-447, "Heard the Sound of Blooming – A Case Study on Xinshi District Community Development" , 2015 ~ 2018
4. Ministry of Science and Technology (MOST), No: 105-2622-H-269 -001 -CC3 , "Research on Paying Attention to the Culture of Glass Beads in Paiwan Ethnicity", 2016

5. Ministry of Science and Technology (MOST), No: 103-2218-E-269 -001, “Interactive Water-saving Planting Module with Effects of Environmental Protection and Five Senses”, 2014
6. Ministry of Science and Technology (MOST), No: 102-2622-E-269 -007 -CC3, “The Relationships between Foreigners' Experience of Historic streets and Night Markets in Taiwan for Xinshi District of Planning”, 2013.
7. Ministry of Science and Technology (MOST), No: 101-2218-E-269 -002, “Adding effects of C and Fe on electromagnetic interference (EMI) shield of Sn-Al based architectural powder materials”, 2012

### **Entrusted Practical Projects**

1. F. S. Hung\*, 2018, Web page setting for leisure agriculture and popular science education, 10627-06-13-001.
2. F. S. Hung\*, 2017, Key Success Factors of Cultural and Creative Industries – A Study of Glazed Beads Industry in Santimen, 10601-07-48-001.
3. F. S. Hung\*, 2016, A Study of Tourism Attractiveness, Place Attachment Flow Experience and Tourism Benefits--The Case of Matsu National Scenic Area, 10501-10-13-002.
4. F. S. Hung\*, 2015, Public Participation and Remodel of Physical Environment in Two Agricultural Villages:Chuanzaitou and Dingtugou, 104-10-01-E01.

### **Patents**

1. F. S. Hung, No.I580646, Preparation method of magnesium-based ionized water.2023
2. F. S. Hung, No: M554117, “Wall body structure of capsule hotel”, 2019.
3. F. S. Hung, No: I652300, “Low carbon ceramic particle reinforced ABS material manufacturing method”, 2019.