

**INVESTIGATION OF SUSTAINABLE USE OF
GREEN TECHNOLOGY AND KNOWLEDGE
MANAGEMENT PRACTICES FOR TRAINING
AND INNOVATIONS IN THE HOSPITALITY
SECTOR OF YUNNAN, CHINA**

DISERTASI



**PROGRAM STUDI ILMU PENDIDIKAN (S3)
PROGRAM PASCASARJANA
UNIVERSITAS PENDIDIKAN GANESHA**



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Disertasi oleh Li Xiaojia telah dipertahankan di depan tim penguji dan dinyatakan diterima sebagai salah satu persyaratan untuk memperoleh gelar Doktor di Ilmu Pendidikan (S3), Program Pascasarjana, Universitas Pendidikan Ganesha
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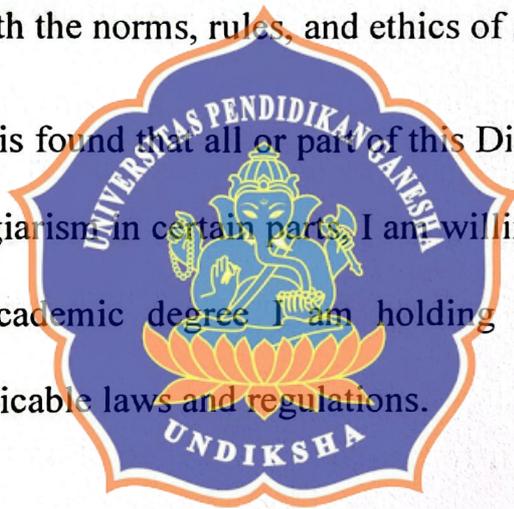
SUMMARY

The industry of hospitality in Yunnan, China, is under pressure to be more sustainable as it is highly resource-intensive and ecological of the area is very high. The given research explores the role of green technology application in mediating the influence of the training awareness and knowledge management practices (KMP) on sustainability in the hotel operations. Relying on the Technology Acceptance Model (TAM), as well as the Social Learning/Planned Behaviour theories, the study suggests that the organizational enablers, namely the employee training and the efficient knowledge sharing, increase the adoption of green technologies that, in turn, will impact sustainability performance. With a quantitative and cross-sectional design, the authors gathered survey information on 350-400 hotel managers and employees in Dali and Kunming. The results of Structural Equation Modeling (SEM) show that the use of the training awareness and KMP are significant predictors of adopting the green technologies like smart energy and water systems. Training increases environmental literacy of employees and their willingness to work with eco-innovations whereas KMP helps to access the best practices and cooperate that reinforces organizational learning. It is found that the adoption of green technology partially has a mediating role between the organization enablers and the sustainability green practice, that is, where it is seen that the training and the transfer of knowledge directly influence sustainability, the effect is moderate when it is mediated by technology use. Nevertheless, the immediate impact of technology on the sustainability results was diluted unless it was backed by sound learning and knowledge systems implying that technology is not a panacea to sustainability.

STATEMENT LETTER

I declare truthfully that the Dissertation that I prepared as a condition for obtaining a Doctoral degree from the Postgraduate Program of Ganesha University of Education is entirely my own work. As for certain parts in the writing of the Dissertation that I cited and the works of others, the sources have been clearly written in accordance with the norms, rules, and ethics of scientific writing.

If in the future it is found that all or part of this Dissertation is not my own work or that there is plagiarism in certain parts, I am willing to accept the sanction of revocation of the academic degree I am holding and other sanctions in accordance with the applicable laws and regulations.



Singaraja,

Li Xiaoja



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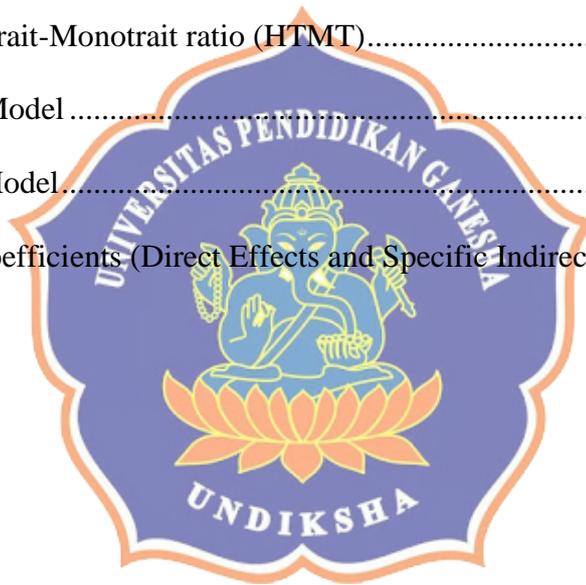
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