

登山冒險遊憩持續涉入模式之研究

林莞任、李城忠

E-mail: 9700683@mail.dyu.edu.tw

摘要

有鑑於國內外冒險遊憩活動發展之迅速，在國外有數位學者嘗試建構冒險遊憩之模式，大多數研究者仍著重於變項之間的相關、差異，人口統計變項在參與行為上差異等，在研究上較少運用因果模式來驗證冒險遊憩模式，或是發展對冒險遊憩行為具解釋能力的理論模式。因此建構並驗證冒險遊憩參與行為模式，對冒險遊憩研究者、冒險遊憩理論的引導以及經營業者、活動的規劃及推廣者，以致於冒險遊憩參與者有其重要性。本研究主要的貢獻在於建構並驗證登山冒險遊憩持續涉入之模式，本文是以Robinson(1992b)冒險遊憩模式為基礎，再參酌McIntyre(1989)與Schuett(1993)所提及持續涉入程度，將其模式延伸，並設計研究變項，包括參與動機、風險認知與決策，從事體驗，參與結果評估、參與後感受正面影響以及持續涉入等變項，以探討登山冒險遊憩持續涉入之模式。本研究採問卷調查方式，以台中縣和平鄉鳶嘴山登山遊客為對象，於山頂採便利抽樣法進行調查，共獲得有效問卷213份，應用SPSS 12.0 for Windows以及AMOS 5.0 for Windows等套裝軟體進行統計分析，經由實證「參與動機」會正向影響「風險認知與決策」；「風險認知與決策」會正向影響「從事體驗」；「從事體驗」會正向影響「正面影響」；而「正面影響」會正向影響「持續涉入」。本模式可以解釋並說明遊客登山冒險遊憩持續涉入模式。

關鍵詞：冒險遊憩；持續涉入；登山

目錄

內容目錄 中文摘要	iii 英文摘要
iv 誌謝辭	vi 內容目錄
vii 表目錄	ix 圖目錄
xi 第一章 緒論	1 第一節 研究背景
1 第二節 研究動機	3 第三節 研究目的
4 第四節 研究問題	5 第二章 文獻探討
7 第一節 冒險遊憩的定義與分類	7 第二節 持續涉入的概念
19 第三節 冒險遊憩持續涉入模型	28 第四節 影響冒險遊憩參與因素
40 第五節 文獻探討總結	51 第三章 研究方法
56 第一節 研究架構	56 第二節 研究變項之操作性定義
57 第三節 研究假設	59 第四節 研究工具
61 第五節 研究對象與調查方法	72 第四章 結果分析與討論
76 第一節 樣本結構分析	76 第二節 研究工具信度與效度分析
79 第三節 登山冒險遊憩持續涉入模式之驗證	91 第四節 模式驗證結果分析
98 第一節 結論	98 第二節 管理意涵
102 第三節 研究限制	104 第四節 後續研究建議
105 參考文獻	108 附錄 登山冒險遊憩持續涉入模式研究問卷

參考文獻

一、中文部分 方怡堯(2002)，溫泉遊客遊憩涉入與遊憩體驗關係之研究 - 以北投溫泉為例，國立臺灣師範大學運動休閒與管理學系未出版之碩士論文，台北市。王裕平(2002)，消費者涉入程度、產品類別與推薦式廣告之溝通效果研究 - 以休閒運動類產品為例，國立台灣師範大學運動與休閒管理學系未出版之碩士論文，台北。交通部觀光局(1997)，台灣潛在生態觀光及冒險旅遊產品研究與調查，台北:中華民國戶外遊憩學會。交通部觀光局(2005)，中華民國93年國人旅遊狀況調查報告，來源:

<http://admin.taiwan.net.tw/statistics/File/200412/~93.htm> [2007, February 12]。交通部觀光局(2006)，中華民國94年國人旅遊狀況調查報告，來源: <http://admin.taiwan.net.tw/statistics/File/200512/~94.htm> [2007, February 12]。朱笠瑄(2003)，東北角海岸攀岩冒險遊憩活動之研究，朝陽科技大學休閒事業管理系未出版之碩士論文，台中縣。吳永發(2006)，路跑運動參與者持續涉入、休閒效益與幸福感之研

究，國立體育學院體育推廣學系未出版之碩士論文，桃園縣。吳明宏、黃宗成、邱廷亮(2004)，玉山國家公園遊客旅遊動機、期望、體驗、滿意度與重遊意願之研究，國家公園學報，14(2), 23-41。李茂能(2006)，結構方程模式軟體AMOS之簡介及其在測驗編制上之應用—Graphics & Basic，台北市：心理出版社。李美樺、歐聖榮(2002)，飛行傘參與者之特質與環境屬性偏好之探討，收於第四屆休閒遊憩觀光學術研討會，休閒理論與遊憩行為篇(pp. 263-270)，台北：中華民國戶外遊憩協會。林晏州、劉毓妮(1993)，遊客對激流泛舟環境屬性之偏好，戶外遊憩研究，6(3), 53-75。洪翊芳(2005)，冒險性休閒參與者的同志情誼、流暢及認定建構與心理涉入和行為涉入，國立台灣體育學院休閒管理研究所未出版之碩士論文，台中市。洪翊芳、廖主民(2005)，參與冒險性休閒的心理歷程，中華體育，19(3), 16-25。馬上鈞(2002)，休閒效益與生活壓力關係之研究-以高雄地區郊山登山者為例，國立體育學院體育研究所未出版之碩士論文，桃園縣。高俊雄(1993)，休閒參與體驗形成之分析，戶外遊憩研究，6(4), 1-12。許辰維(2004)，以計畫行為理論探討冒險性遊憩活動參與者之行為意向 - 以登山活動為例，靜宜大學觀光事業學系未出版之碩士論文，台中縣。許義忠(2002)，遊客對參加冒險旅遊之動機與滿意度之研究-以秀姑巒溪泛舟為例，觀光研究學報，8(2), 115-130。張孝銘(2004)，運動觀光客參與探索觀光活動後感受正負影響之建構與驗證，收於92年度，運動觀光發展及休閒產業管理學術研討會論文集(pp. 163-171)，屏東：屏東科技大學。張孝銘(2006)，登山冒險遊憩行為模式之研究，國立體育學院體育研究所未出版之博士論文，桃園。陳明川、歐聖榮(2002)，風浪板活動參與者之體驗與環境屬性偏好之研究，第四屆休閒遊憩觀光學術研討會，休閒理論與遊憩行為篇(pp. 271-279)，台北：中華民國戶外遊憩協會。陳玠穎、歐聖榮(2002)，攀岩者之遊憩動機與環境屬性偏好關係之研究，收於第四屆休閒遊憩觀光學術研討會，觀光發展與觀光衝擊篇(pp. 159-171)，台北：中華民國戶外遊憩協會。陳偉仁(2005)，水肺潛水活動之遊憩動機、持久性涉入及專門化關係之研究，銘傳大學觀光研究所未出版之碩士論文，台北市。陳鴻雁(2003)，我國國民運動意識之調查研究，台北：行政院體育委員會。陳鴻雁、楊志顯(1999)，國民參與休閒運動人口調查，台北：行政院體委會。陳耀茂(2004)，共變異數構造分析的AMOS使用手冊，台北市：鼎茂圖書出版有限公司。郭淑菁(2003)，登山社員休閒涉入、休閒滿意度與幸福感之研究，大葉大學休閒事業管理學系未出版之碩士論文，彰化。莊麗君、許義忠(2004)，秀姑巒溪泛舟遊客動機與滿意度之研究，觀光研究學報，10(1), 79-96。黃芳銘(2003)，結構方程式模式理論與應用，台北：五南。黃俊英(2002)，行銷學(2版)，台北：華泰書局。曾柏璋、林晏州、黃文卿(2004)，太魯閣國家公園遊客之步道選擇行為，國家公園學報，14(2), 1-21。楊文壽(2000)，行動電話手機消費者之涉入程度及購買決策相關因素之關聯性研究，國立交通大學經營管理研究所未出版之碩士論文，新竹市。蔡巧玲(2004)，你準備好去冒險了嗎？大專體育，71, 134-140。劉明全(2003)，登山者對高山風險認知之研究-以休閒教育之觀點，國立體育學院體育研究所未出版之碩士論文，桃園。盧俊宏(1993)，運動心理學，台北：師大書苑。謝宗恆(2003)，文化遊憩涉入與場所依戀關係之研究 - 以北埔地區遊客為例，私立東海大學景觀學系未出版之碩士論文，台中市。Mill, R. A. (2003), 度假村經營管理(吳明哲譯)，台北：品度，(原文於 2001 年出版)二、英文部分 Adventure Travel Society (2000). Adventure travel defined. From:

<http://www.adventuretravel.com> [2007, February 15]. Bagozzi, R. P., & Yi, Y. (1988). On the evaluation for structural equation models. Journal of the Academy of Marketing Science, 16, 74-94. Bandura, A. (1982). Self-efficacy: Mechanism in human agency. American Psychologist, 37, 122-147. Bandura, A. (1997). Self-efficacy: The exercise of control. New York: W. H. Freeman and Company. Barbara, M. (2000). Structural Equation Modeling with AMOS: Basic Concepts, Applications, and Programming. Mahwah, New Jersey: Lawrence Erlbaum Associates, Inc., Publishers. Beedie, P. (2003). Adventure tourism. In S. Hudson (Ed.), Sport and adventure tourism, 203-239. New York: The Haworth Press, Inc. Bentler, P. M., & Bonett, D. G. (1980). Significance tests and goodness of fit in the analysis of covariance structures. Psychological Bulletin, 88(3), 588-606. Bentley, T. A., Page, S. J., & Laird, I. S. (2001). Accidents in the New Zealand adventure tourism industry. Safety Science, 38, 31-48. Bisson, C. (1997). The effects of varying the sequence of categories of adventure activities on the development of group cohesion. Unpublished doctoral dissertation, University of Northern Colorado, Greeley, Colorado. Bloch, P. H. & Bruce, G. D. (1984). Product involvement as leisure behavior. Advances in consumer research, 2, 197-202. Bloch, P. H., & Richins, M. L. (1983). A theoretical Model for The study of product importance perceptions. Journal of Marketing, 47, 69-81. Brown, L. (1993). The new shorter oxford English dictionary (Vol. 1). Oxford: Clarendon Press. Brown, T. J. (1999). Adventure risk management. In J. C. Miles & S. Priest (Eds.). Adventure programming (pp. 273-284). State College, Pennsylvania: Venture Publishing, Inc. Carpenter, G., & Proest, S. (1989). The AEP and non-outdoor leisure pursuits. Leisure Studies, 8(1), 65-75. Cheron, E. J., & Ritchie, J. R. B. (1982). Leisure activities and perceived risk. Journal of Leisure Research. 14(2), 134-154. Christiansen, D. R. (1990). Adventure tourism. In J. C. Miles & S. Priest (Eds.). Adventure education (pp. 433-441). State College, Pennsylvania: Venture. Cox, D., & Stuart, R. J. (1964). Perceived risk and consumer decision marketing. Journal of Marketing Research, 10, 113-125. Creyer, E. H., Ross, Jr. T. W., & Evers, D. (2003). Risky recreation: An exploration of factors influencing the likelihood of participation and the effect of experience. Leisure Studies, 22(3), 239-253. Davis-Berman, J., & Berman, D. (2002). Risk and anxiety in adventure programming. Journal of Experiential Education, 25(2), 305-310. DeVellis R. F., Scale Development: Theory and Applications, Applied Social Research Methods Series, 26, Newbury Park, California: Sage Publications, 1991 Dimanche, F., Havitz, M. E. & Howard, D. R. (1991). Testing the Involvement Profile (IP) Scale in the context of selected recreational and touristic activities. Journal of leisure research, 23(1), 51-66. Dyson, B. P. (1995). Students' voices in two alternative elementary physical education programs. Journal of Teaching in Physical Education, 14, 394-407. Ewert, A. W. (1985). Why people climb: The relationship of participation motives and experience level to mountaineering. Journal of Leisure Research, 17(3), 241-250. Ewert, A. W. (1987). Research in outdoor adventure: Overview and analysis. The Bradford Paper Annual, 12, 15-28. Ewert, A. W. (1994). Playing the edge: Motivational and risk-taking in a high altitude wilderness-like environment, Environment and Behavior, 26(1), 3-24. Ewert, A. W. (2000). Trend in adventure recreation: Programs, experiences, and issues. From: <http://www.msu.edu/trend2000/pdf-ewert.pdf> [2007, February 15]. Ewert, A. W., & Galloway, S. (2001). Adventure recreation: what's new for resource managers, public policy analysis, and recreation providers, Parks & Recreation, 36(2), 26-34. Ewert, A. W., & Hollenhorst, S. (1989). Testing the adventure model:

empirical support for a model of risk recreation participation, *Journal of Leisure Research*, 21, 124-139. Ewert, A. W., & Hollenhorst, S. (1997). Adventure recreation and its implications for wilderness. *International Journal of Wilderness*, 3(2), 21-26. Fluker, M. R. & Turner, L. W. (2000). Needs, motivation, and expectations of a commercial whitewater rafting experience. *Journal of Travel Research*, 38(4), 380-389. Fornell, C., & Larcker, D. F. (1981). Evaluating structural equation models with unobservable variables and measurement error. *Journal of Marketing Research*, 18, 39-50. Gutman, J. (1982). A mean-end chain model based on consumer categorization processes. *Journal of Marketing*, 46, 60-72. Hair, J. F., Anderson, R. E., Tatham, R. L., & Black, W. C. (1995). Multivariate data analysis with reading. Englewood Cliffs, New Jersey: Prentice-Hall. Hair, J. F., Anderson, R. E., Tatham, R. L., & Black, W. C. (1998). Multivariate data analysis (5th ed). New Jersey: Prentice-Hall. Hall, C. M. (1992). Adventure, sport and health tourism. In B. Weiler & C. M. Hall (Eds.), *Special interest tourism* (pp. 141-158). Londo: Belhaven Press. Hall, C. M., & Weiler, B. (1992). Introduction. In B. Weiler & C. M. Hall (Eds.), *Special interest tourism* (pp. 1-14). Londo: Bellhaven Press. Hattie, J., Marsh, H. W., Neill, J. T., & Richards, G. E. (1997). Adventure education and Outward Bound: Out-of-class experiences that make a lasting difference. *Review of Educational Research*, 67(1), 43-87. Heider, F. (1958). *The psychology of interpersonal relations*. New York: John Wiley & Sons. Hirsch, J. (1999). Developmental adventure programming. In J. C. Miles & S. Priest (Eds.), *Adventure education* (pp. 13-27). State College, Pennsylvania: Venture Publishing, Inc. Hopkins, D. (1982). Changes in self-concept as the result of adventure training. *CAHPER Journal*, July-August, 9-12. Houston, M. J., & Rothchild, M. L. (1978). Methodological perspectives in Involvement, *Research Frontiers in Marketing: Dialogues and Direction*, Chicago: American Marketing Association. Iwasaki, Y., & Havitz, M. E. (1998). A path analytic model of the relationships between involvement, psychological commitment, and loyalty. *Journal of Leisure Research*, 30(2), 256-280. Jackson, S. A., & Marsh, H. W. (1996). Development and validation of a scale to measure optimal experience: the flow state. *Journal of Sport Exercise Psychology*, 18, 17-35. Kaiser, H. F. (1974). An Index of Factorial Simplicity, *Psychometrika*, 39, 31-36. Kapferer, J., & Laurent, G. (1985). Consumers involvement profile: New empirical results, *Advances in Consumer Research*, 12, 290-295. Kyle, Graefe, Manning, & Bacon. (2004). Predictors of behavioral loyalty among hikers along the Appalachian trail. *Leisure Sciences*, 26, 99-118. Mash, H. W., Richards, G. E., & Barnes, J. (1986). Multidimensional self-concepts: The effect of participation in an Outward Bound program. *Journal of Personality and Social Psychology*, 50(1), 195-204. Martin, P., & Priest, S. (1986). Understanding the adventure experience. *Journal of Adventure Education*, 3(1), 18-21. Martin, A. J. (2001). Towards the next generation of experiential education programmes: A case study of outward bound. Unpublished doctoral dissertation, Massey University, Palmerston North, New Zealand. McIntyre, N. (1989). The personal meaning of participation: Enduring involvement. *Journal of Leisure Research*, 21(2), 167-179. McIntyre, N. (1991). Why people rockclimbing? *Australian Journal of Leisure and Recreation*, 1(3), 33-38. McIntyre, N. (1992). Involvement in risk recreation: A comparison of objective and subjective measures of engagement, *Journal of Leisure Research*, 24(1), 64-71. Meier, J., Morash, T., & Welton, G. (1980). High adventure outdoor pursuits, organization and leadership. Columbus, Ohio: Publishing Horizons, Inc. Millington, K., Locke, T., & Locke, A. (2001). Occasional studies: Adventure travel. *Travel and Tourism Analysis*, 4, 65-97. Muller, T. E., & Cleaver, M. (2000). Targeting the CANZUS baby boomer explorer and adventurer segments. *Journal of Vacation Marketing*, 6(2), 154-169. Nadler, R. S. (1993). Therapeutic process of change. In M. A. Gass (Ed.), *Adventure therapy: Therapeutic applications of adventure programming* (pp. 57-69). Dubuque, Iowa: Kendall/Hunt Publishing Company. Priest, S. (1987). Modelling the adventure experience. In R. Yerkes (Ed.), *Outdoor education across America: Weaving the web* (pp. 7-12). LAS Cruces, New Mexico: ERIC CRESS. Priest, S. (1992). Factor exploration and confirmation for the dimensions of an adventure experience. *Journal of Leisure Research*, 24(2), 127-139. Priest, S., & Baill, R. (1987). Justifying the risk to others: The real razor's edge. *Journal of Experience Education*, 10(1), 6-22. Rayn, C. (2002). Stages, gazes and construction of tourism. In C. Rayn (Ed.), *The tourism experience* (2nd ed). London: Continuum. Reuterberg, S. E., & Gustafsson, J. E. (1992). Confirmatory factor analysis reliability: Testing measurement model assumptions. *Educational and Psychological Measurement*, 52, 795-811. Richins, M., Bloch, P. H. & McQuarrie, E. F. (1994). How enduring and situational involvement combine to create involvement responses. *Journal of Consumer Psychology*, 1, 143-153. Robinson, D. W. (1992a). The risk recreation experience: Subjective state dimensions and the transferability of benefits. *Journal of Applied Recreation Research*, 17(1), 12-36. Robinson, D. W. (1992b). A descriptive model of enduring risk recreation involvement. *Journal of Leisure Research*, 24(1), 52-63. Rothschild, M. L. (1984). Perspectives on involvement: Current problems and future direction. *Advances in consumer research*, 11, 216-217. Schreyer, R., & Lime, D. (1984). A novice isn't necessarily a novice- The influence of experience use history on subjective perceptions of recreation participation, *Leisure Sciences*, 6(2), 131-149. Schreyer, R., Lime, D., & Williams, D. (1984). Characterizing the influence of past experiences on recreation behavior, *Journal of Leisure Research*, 16(1), 34-55. Schuett, M. (1991). Testing the adventure model for outdoor adventure recreation participation. Unpublished Doctoral Dissertation, University of Illinois. Schuett, M. (1993). Refining measure of adventure recreation involvement. *Leisure Science*, 15, 205-216. Sherif, M., & Cantril, H. (1947). *The Psychology of Ego-Involvement*. New York: John Wiley and Sons. Sitkin, S. B., & Pablo, A. L. (1992). Reconceptualizing the determinants of risk behavior. *Academy of Management Review*, 17, 9-38. Slama, M. E. & Tashchian, A. (1985). Select socioeconomic and demographic characteristics associated with purchasing involvement. *Journal of marketing*, 49(1), 72-82. Swarbrooke, J., Beard, C., Leckie, S., & Pomfret, G. (2003). Adventure tourism: the new frontier (p. 11). Burlington Massachusetts: Butterworth Heinemann. Venkartaman, M. P. (1990). Opinion leadership, enduring involvement and characteristic of opinion leaders: A moderating or mediating relationship? In E. M. Goldberg, G. Gerald., & W. P. Richard (Eds.), *Advances in consumer Research*, 17, (pp. 60-67). Provo, Utah: Association for Consumer Research. Weber, K. (2001). Outdoor adventure tourism: A review of research approaches. *Annals of Tourism Research*, 28(2), 360-377. Weiner, B. (1986). An attributional theory of achievement and emotion. New York: Springer-Verlag. Wellman, J., Roggenbuck, J., & Smith, A. (1982). *Recreation specialization and norms of*

depreciative behavior among canoeists, *Journal of Leisure Research*, 14, 323-340. Wiley, C. G. E., Shaw, S. M., & Havitz, M. E. (2000). Men ' s and women ' s involvement in sport: an examination of the gendered aspects of the leisure involvement. *Leisure Sciences*, 22, 19-31. Williams, D., Schreyer, R. & Knopf, R. (1990). The effect of the exp- erience use history on the multidimensional structure of motiv- ation to participate in leisure activities, *Journal of Lesure Rese- arch*, 22(1), 36-54. Yates, J. F. (1992). Epilogue. In J. F. Yates (Ed.), *Risk-taking beha- vior* (pp.321-330). New York: John Wiley & Sons. Zaichkowsky, J. L. (1985). Measuring the involvement construct. *Journal of Consumer Research*, 12, 341-352. Zuckerman, M. (1980). Sensations seeking and its biological correl- ates. *Psychological Bulletin*, 88(1), 45-52.