

# A Study of the Relationships among Serious Leisure, Recreation Specialization, Participation Reward, and Sport Tourism P

潘振豪、張孝銘

E-mail: 9707400@mail.dyu.edu.tw

## ABSTRACT

The purpose of this study aimed to defining relationships among concepts as serious leisure, recreation specialization, participation reward, and sport tourism participative behaviors. A design of survey research with non-random sampling was used to collect riders' perception and behavioral patterns, a total of 388 effective questionnaires were collected and analyzed by SPSS and LISREL statistical software. From the results of analysis, conclusions were drawn as the following: 1. From the results, riders' gender is a significant influencing factor in perceiving participation rewards. 2. Riders' perception of serious leisure, recreation specialization, participation reward and sport tourism participative behaviors are affected by their marital status and career types. 3. Likewise, other factors, such as riders' age, education, monthly income, where significant differences can be found among variables. 4. In conclusion, riders' serious leisure, participation reward have a direct positive effect on the sport tourism participative behavior, and recreation specialization, participation reward have a direct positive effect on the serious leisure. Based on these findings, suggestions are offered to service providers, riders, and government. Further research with continuous efforts in newly developed leisure activities are granted in improving the promoting the leisure participation in Taiwan.

Keywords : Serious Leisure ; Specialization ; Reward ; Sport Tourism ; Big-sized Heavy Motorcycle

## Table of Contents

中文摘要 . . . . .	iii	英文摘要 . . . . .
iv 誌謝辭 . . . . .	v	內容目錄 . . . . .
. vi 表目錄 . . . . .	viii	圖目錄 . . . . .
. . . x 第一章 緒論 . . . . .	1	第一節 研究背景與動機 . . . . .
. . . 1 第二節 研究目的 . . . . .	6	第三節 研究問題 . . . . .
. . . 6 第四節 研究範圍與限制 . . . . .	7	第五節 名詞解釋 . . . . .
. . . 8 第二章 文獻探討 . . . . .	11	第一節 深度休閒 . . . . .
. . . 11 第二節 遊憩專業化 . . . . .	15	第三節 運動觀光參與行為 . . . . .
. . . 22 第四節 文獻探討評析與研究假設 . . . . .	28	第三章 研究方法 . . . . .
. . . 31 第一節 研究架構與變項釋譯 . . . . .	31	第二節 研究工具 . . . . .
. . . 35 第三節 研究對象與調查實施步驟 . . . . .	41	第四節 資料分析步驟 . . . . .
分析步驟 . . . . .	42	第五節 研究工具信度與效度分析 . . . . .
結果與討論 . . . . .	54	第一節 有效樣本特性分析 . . . . .
大型重型機車參與者行為涉入分析 . . . . .	59	第三節 人口統計變項於大型重車參與行為之差異性考驗分析 . . . . .
異性考驗分析 . . . . .	62	第四節 大型重車參與行為模式之驗證 . . . . .
結論與建議 . . . . .	77	第一節 結論 . . . . .
第二節 建議 . . . . .	82	參考文獻 . . . . .
附錄A 大型重車分類及駕駛訓練 . . . . .	100	附錄B 大型重車發展之重要事項 . . . . .
101 附錄C 省道開放及禁行路段 . . . . .	102	附錄D 重型機車行駛路權及停車管理 . . . . .
104 附錄E 問卷 . . . . .	105	

## REFERENCES

一、中文部分 2007東京改裝車展(2007), 流行騎士, 237, 18-19。BMW重型機車三新機種(1974, November 29), 經濟日報, 7版。方信淵(2004), 台灣地區大專院校運動觀光課程發展研究, 國立臺灣師範大學體育學系研究所博士論文。內政部統計處(1997), 中華民國台灣地區國民生活狀況調查報告, 台北:內政部。六百西西以上重型機車半數以上屬黑牌車(1983, February 21), 聯合報(台北), 3版。江中皓(2002), 運動觀光高爾夫假期遊客參與動機與滿意度之研究, 國立體院體育研究所碩士論文。伍國榮(2006), 使用Kano Model 檢測產品知覺品質與滿意度之關連-以台灣大型重型機車為例, 南華大學傳播管理碩士論文。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://202.39.225.136/statistics/File/200412/93.htm> 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> 交通部道路交通安全督導委員會(2007a)，550cc以上大型重型機車專區，來源 [http://eweb2.thb.gov.tw/notice/550cc\\_foldout1.htm](http://eweb2.thb.gov.tw/notice/550cc_foldout1.htm) 交通部道路交通安全督導委員會(2007b)，550cc以上大型重型機車專區，來源 [http://eweb2.thb.gov.tw/notice/550cc\\_foldout2.htm](http://eweb2.thb.gov.tw/notice/550cc_foldout2.htm) 休伯利安(2006, December 31)，自由時報(台北)，E10版。李素馨(1994)，典型相關分析 - 專業程度、遊憩動機和基地屬性認知關係之探討，戶外遊憩研究，7(3)，39-62。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，載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，263-270，台北:中華民國戶外遊憩學會。李金泉(1993)，SPSS/PC+實務與應用統計分析，台北:松崗。邱皓政(2003)，結構方程模式:LISREL的理論技術與應用，台北:雙葉書廊。林豐福(1998)，150cc以上機車於國內開放產銷之衝擊研究(No. 8735007)，交通部運輸研究所。林佑瑛，李英弘，葉源鎰(2004)，認真性休閒與休閒阻礙關係之研究，戶外遊憩研究，17(3)，51-79。林永森，林佩伶，張孝銘(2007)，運動觀光遊客體驗服務品質、滿意度與重遊意願相關之研究:以2006年台中縣兩馬觀光季活動為例。管理實務與理論研究，1(3)，28-42。林連池(2002)，海岸遊憩釣者專業層次、釣魚動機與其釣魚環境屬性需求之研究 - 以高雄縣茄萣鄉興達港區水域為例，國立育學院體育研究所碩士論文。林耿弘(2006, September 24)，蘋果日報(台北)，E8版。哈雷重型機車慶輝展示(1976, November 10)，經濟日報，7版。重型機車開放內銷敏感時刻熱門話題(1986, November 11)，聯合報(台北)，3版。重型機車技訓班將出現民間單位(1990, June 1)，民生報，19版。高俊雄(1996)，跨世紀運動休閒之舞台與經營，運動休閒管理論文集(一)，3-8。高俊雄(2003)，運動觀光之規劃與發展，國民體育季刊，138，7-11。馬上閔(2001)，運動賽會參與者對承辦單位觀光服務需求與滿意度之調查研究-以民國九十年全國大專院校運動會為例，國立體院體育研究所碩士論文。陳正昌，程炳林，陳新豐，劉子鍵(2003)，多變量分析方法 - 統計軟體應用，台北:五南。陳武正，賴以軒，王思儀(2005)，大型重型機車相關課題與對策，都市交通季刊，20(2)，62-75。陳偉仁(2005)，水肺潛水遊憩動機、持久性涉入及專門化關係之研究，銘傳大學觀光研究所碩士論文。梁英文(2005)，認真性休閒與場所依戀之關係:遊憩專門化之角色，中國文化大學觀光事業研究所碩士論文。郭秀玲，林房贊(2005)，臺灣推展運動觀光現況與發展性分析，運動管理季刊，7，91-100。黃芳銘(2003)，結構方程模式理論與應用，台北:五南。黃孟立(2006)，深度休閒流暢經驗之研究 - 以晨泳會員為例，國立體育學院體育研究所碩士論文。張伊君，陳妍伶，陳盈瑾，陳秀蘭，劉于菁(2003)，國內大型重型機車之市場現況與未來發展方向，銀樺學誌-中台醫護技術學院論文選集，1(3)，125-142。張孝銘(2005)，觀光客探索性運動觀光參與體驗之研究，建國科大學報，24(3)，119-138。張孝銘(2007)，荖濃溪泛舟遊客冒險性運動觀光參與行為模式之研究，建國科大學報，26(4)，87-106。張孝銘(2007)，登山冒險性運動觀光參與行為模式之研究，運動休閒管理學報，4(2)，95-109。張孝銘(2008)，影響輕航機參與者運動觀光參與行為因素之研究，休閒產業管理學刊，1(1)，66-78。張家銘(2006)，運動賽會之運動觀光客參與行為模式之研究:以2004年澎湖世界華人馬拉松路跑賽會為例，大專體育學刊，8(2)，37-50。張婷婷(2006)，攀岩者的參與動機與休閒知覺自由對休閒型態的影響，國立雲林科技大學休閒運動研究所碩士論文。湯擷嘉(2003)，運動觀賞者對出國觀賞運動的旅遊需求、動機及期望之研究，中國文化大學觀光事業研究所碩士論文。詹前志(2005)，以遊憩專業化程度區隔人工攀岩場使用者之研究世新大學觀光學系碩士論文。劉照金(2003)，運動觀光之發展現況與未來趨勢，國民體育季刊，60-67。劉照金，張家銘，劉一慧，黃靖淑(2005)，不同類型運動觀光參與者的旅遊動機、期望、滿意度及其觀光特性之比較研究，運動休閒管理學報，2(2)，24-36。廖俊雄，李曉娟，葉羿稚(2005)，國內進口大型重型機車衍生問題之研究，交通學報，5(2)，37-62。鄭育雄(2005)，遊憩專門化衡量指標之研究 - 以自行車活動為例，靜宜大學觀光事業學系研究所碩士論文。歐陽慧真(2002)，賞鳥者專門化程度與場所依戀關係之研究 - 以七股溼地為例，東海大學景觀學系研究所碩士論文。薛雅丹(2004)，由深度休閒理論探討太魯閣國家公園解說志工之參與解說服務成效，世新大學觀光事業研究所碩士論文。賴美芳(2006)，消費者對運動觀光體驗感受之研究-以F1賽車旅遊為例，國立體育學院休閒產業經營學系碩士論文。謝純安(1994)，東北角海岸風景特定區海岸遊憩釣者特性及其對經營管理態度之研究，東海大學景觀學研究所碩士論文。蘇維杉(2005)，淺談運動觀光產業發展，雲科大體育，8，174-178。二、英文部分 Anderson, J. C. & Gerbing, D. W. (1998). Structural equation modeling in practice: A review and recommended two-step approach. *Psychological Bulletin*, 103(3), 411-423. Bagozzi, R. P. & Yi, Y. (1988). On the evaluation for structural equation models. *Journal of the Academy of Marketing Science*, 16, 74-94. Bentler, P. M. & Bonett, D. G. (1980). Significance tests and goodness of fit in the analysis of covariance structure. *Psychological Bulletin*, 88, 588-606. Bollen, K. A. (1989). Structural equations with latent variables. New York: John Wiley & Sons. Bouchet, P., Lebrun, Anne Marie, & Auvergne, S. (2004). Sport tourism consumer experiences: A comprehensive model. *Journal of Sport Tourism*, 9(2), 127-140. Bricker, K. & Kerstetter, D. L. (2000). Level of specialization and place attachment: An exploratory study of whitewater recreationists. *Leisure Sciences*, 22, 233-257. Bryan, H. (1977). Leisure value systems and recreation specialization: The case of trout fishermen. *Journal of Leisure Research*, 9, 174-187. Buchanan, T. (1985). Commitment and leisure behavior: A theoretical perspective. *Leisure Sciences*, 7(4), 401-420. Cua, K. O., Junnila, M. A. & Schroeder, R. G. (2002). A perceptual measure of the degree of development of proprietary equipment. *Structural Equation Modeling*, 9(4), 579-598. Donnelly, M. P., Vaske, J. J., & Graefe, A. R. (1986). Degree and range of recreation specialization: Toward a typology of boating related activities. *Journal of Leisure Research*, 18(2), 81-95. Dyck, C., Schneider, I., Thompson, M., & Virden, T. (2003). Specialization among mountaineers and its relationship to environment attitudes. *Journal of Park and Recreation Administration*, 21(2), 44-62. Ewert, A., & Hollenhorst, S. (1994). Individual and setting attributes of the adventure recreation experience. *Leisure Sciences*, 16, 177-191. Gammon, S., & Robinson, T. (1997). Sport and tourism: A conceptual framework. *Journal of Sports Tourism*, 4(3), 8-24. Gibson, H., Attle, S., & Yiannakis, A. (1998). Segmenting the sport tourist market: A life span perspective. *Journal of Vacation Marketing*, 4(1), 52-64. Gibson, H. J. (1998a). The wide world of sport tourism. *Parks & Recreation*, September, 108-114. Gibson, H. J. (1998 b). Active sport tourism: who participates? *Leisure Studies*, 17, 155-170. Gibson, H. J. (1998c). Sport tourism: A critical analysis of research. *Sport Management Review*, 1, 45-76. Gibson, H. J. (2005). Sport tourism: Concepts and theories. An introduction. *Sport in Society*, 8(2), 133-141. Grosuch, R. L. (1983). Factors analysis (2nd ed). Hillsdale, NJ: Lawrence Erlbaum. Green, B. C., & Jones, I. (2005). Serious leisure, social identity

and sport tourism. *Sport in Society*, 8(2), 164-181. Hall, C. M. (1992). Adventure, sport and health tourism, In B. Weiler, & C. M. Hall(Eds.), Special interest torurism (pp.141-158). London: Belhaven Press. Hammitt, W., McDonald, C., & Noe, F. (1984). Use level and encoun-ters: Important variables of perceived crowing among non-specialized recreationists. *Journal of Leisure Research*, 16, 1-9. Hinch, T., & Higham, J. E. S. (2001). Sort tourism: A framework for research. *International Journal of Tourism Research*, 3, 45-58. Huizinga, J. (1949). *Homo ludens*. London: Routledge & Keang paul. Iso-Ahola, S. E. (1979). Basic dimensions of definitions of leisure. *Journal of Leisure Research*, 15, 28-39. Jo"reskog, K. G. & So"rbom, D. (1993). LISREL 8 user ' s reference guide. Mooresville, IN: Scientific Software. Jo"reskog, K. G. (1993). Testing structural equation models. In K. A. Bollen and J. S. Long (Eds.). *Testing structural equation models* (pp. 294-316). Newbury Park, CA: Sage. Jone, I. (2000). A model of serious leisure identification: The case of football fandom. *Leisure Studies*, 19, 283-298. Kelly, John R. & Godbey, Geoffrey (1992). Chapter 18 Specialization and Serious Leisure. In the Sociology of Leisure (pp.243-249). Venture Publishing, Inc. Kline, R. B. (1998). Principles and practice of structural equation modeling. New York : The Guilford Press. Kuentzel, W. F. & Heberlein, T. (1992). Does specialization affect be-havior choices and quality judgment among hunters? *Leisure Sciences*, 14, 211-226. Kuentzel, W. F. & McDonald, G. (1992). Differential effect of past experience, commitment, and lifestyle dimensions on river use specialization. *Journal of Leisure Research*, 24, 269-287. Kurtzman, J. & Zauhar, J. (1997). A Wave in Time-The Sports Tour-ism Phenomena. *Journal of Sport Tourism*, 4(2), 5-20. Lee, J. H., & Scott, D. (2006). For better or worse? A structural model of the benefits and costs associated with recreational specialization. *Leisure Sciences*, 28, 17-38. Little, B, R. (1976). Specialization and the varieties of environmental experience: Empirical studies within the personality paradigm. In S. Wapner, S. Cohen, & B. Kaplan (Eds.). *Experiencing the environment* (pp. 81-166.) New York: Plenum Press. Luschen, G. (1972). On sociology of sport: General orientation and its trend in the literature. In O. Grupe. D. Kurz, and J. Teipel (Eds.). *The scientific view of sport*. Heidelberg, Germany: Springer. Martin, S. R. (1997). Specialization and differences in setting prefe-rences among wildlife viewers. *Human Dimensions of Wildlife*, 2(1), 1-18. McFarlane, B. L. (1994). Specialization and motivations of bird-watchers. *Wildlife Society Bulletin*, 22, 361-370. McFarlane, B. L. (2004). Recreation specialization and site choice among vehicle-based campers. *Leisure Sciences*, 26, 309-322. McFarlane, B. L., Boxall, P. G., & Watson, D. (1998). Past experience and behavior choice among wildness users. *Journal of Leisure Research*, 30, 195-213. McIntyre, N. & Pigram, J. J. (1992). Recreation specialization reex-amined: The case of vehicle-based campers. *Leisure Sciences*, 14, 3-15. Rigauer, B. (1981). *Sport and work*. New York: Columbia Press. Scott, D. & Shafer, C. S. (2001). Recreation specialization : A critical look at the construct. *Journal of Leisure Research*, 33(3), 319-343. Scott, D. & Thigpen, J. (2003). Understanding the birder as tourist: Segmenting visitors to the Texas Hummer/Bird Celebration. *Human Dimensions of Wildlife*, 8, 199-218. Shafer, S. C. & Hammit, W. E. (1995). Purism revisited: Specifying recreational conditions of concern according resource intent. *Leisure Sciences*, 17, 15-30. Standeven, J., & De Knop, P. (1993). Sport tourism. Human Kinetics. Standeven, J., & De Knop, P. (1998). Sport tourism. Champaign, IL: Human Kinetics. Standeven, J., & De Knop, P. D. (1999). Sport tourism. Champaign: Human Kinetics publishers. Stebbins, R. A. (1979). Amateurs: On the margin between work and leisure. Beverly Hills, CA: Sage publication. Stebbins, R. A. (1982). Serious leisure: A conceptual statement. *Pa-cific Sociological Review*, 25, 251-272. Stebbins, R. A. (1992). Amateurs, professionals, and serious leisure. Montreal: Mchill-Queens University Press. Stebbins, R. A. (1996). Cultural tourism as serious leisure. *Annals of Tourism Research*, 23(4), 948-950. Stebbins, R. A. (1997). Casual leisure: A conceptual statement. *Leisure Studies*, 16(1), 17-25. Stebbins, R. A. (1998). After work: the search for an optimal leisure lifestyle. Canada: Detselig Enterprise Ltd. Stebbins, R. A. (1999). Serious leisure. In E. L. Jackson & T. L. Bur-ton. (Eds.), *Leisure studies: Prospects for the twenty-first cen-tury* (pp. 69-79). State college, Pennsylvania: Venture. Stebbins, R. A. (2001). New directions in theory and research of se-rious leisure. Lewiston, NY: Edwin Mellen Press. Steiger, J. H. (1990). Structral model evaluation and modification: An interval estimation approach. *Multivariate Behavioral Research*, 25, 173-180. Swarbrooke, J. (2002). The development and management of visitor (2nd ed). Butterworth-Heinemann Tabachnick, B. G. & Fidell, L. S. (1997). Using multivariate statistics (3rded). New York: Harper & Row. Trucker, L. R. & Lewis, C. (1973). A reliability coefficient for maxi-mum likelihood factor analysis. *Psychometrika*, 38, 1-10. Viden, R. J. & Schreyer, R. (1988). Recreation Specialization as an indicator of environmental preference. *Environment and Beha-vior*, 20(6), 721-739. Weekley, G. M. (2002). Recreation specialization and the recreation opportunity spectrum: A study of climbers. Unpublished master thesis, West Virginia University, Morgantown, WV. Wellman, J. D., Roggenbuck J. W., & Smith, A. C. (1982). Recreation Specialization and norms of depreciative behavior among ca-noeists. *Journal of Leisure Research*, 14(4), 323-340. Yoder, D. G. (1997). A model for commodity intensive serious lei-sure. *Journal of leisure Research*, 29, 407-429.