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11th Annual Conference Proceedings
SouthEast SAS® Users Group

SEPTEMBER 22 - 24, 2003



TradeWinds Island Grand
Beach Resort and Conference Center
St. Pete Beach, Florida

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SESUG 2003 CONFERENCE PROCEEDINGS

These Proceedings are the official record of the SouthEast SAS Users Group (SESUG) Conference, held in St. Pete Beach, FL, September 22-24th, 2003. The final result is the product of Co-chairs Gary Schlegelmilch and Steve Noga; the Proceedings Coordinator, F. Joseph Kelley and Dan Bruns, the Publication Coordinator, who assembled and organized the material; and SAS artist Kimberly Riddell. The real heart of this publication is the presentations of over 100 authors, and the tireless and greatly-appreciated labors of the section chairs and so many others. SAS Institute graciously printed, assembled, and delivered the final product as a permanent record of the 2003 SouthEast SAS Users Group Conference. Neither SAS Institute nor SESUG is responsible for the accuracy or originality of this material.

About the Artwork and Cover

Kimberly Riddell took the beach theme, a little input from the chairs, and created the cover of this year's Proceedings. The logo was designed by Gary Schlegelmilch, and polished with the help of Steve Noga and input from the SESUG Executive Committee.

About the Fonts

Three typefaces are used in most of the conference material: Impact, Gilligan's Island and Tahoma. Impact was used in the logo and has a bold, crisp look that compliments the sailboat also used in the logo. Gilligan's Island is very much the opposite: with a somewhat quirky and a "drawn in the sand" feel, it also compliments the beach and ocean themes that are inescapable in the beachfront setting that provides the location for this conference. For text, Tahoma, with its clean, modern look was a natural choice.

The correct citation for this book is:

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WELCOME (BACK) to the Beach!

On behalf of the SouthEast SAS[®] Users Group Executive Committee, we'd like to welcome you to sunny St. Pete Beach, Florida, the TradeWinds Island Grand Beach Resort, and to SESUG '03 – our 11th annual conference. We are delighted to be launching our second decade of conferences right back where it all began. Yes, on these very grounds in 1993, the 1st SESUG conference was held, and started the proud tradition of sharing SAS knowledge with all who cared to come and listen.

It's a long journey to assemble a conference like this one. The SESUG EC selected Florida as a potential site for 2003 back in 2000, and began doing the research as to likely cities, then hotels and conference centers. In January 2002, the EC nominated us as co-chair candidates; and as soon as we accepted, the real work on SESUG '03 began. Logo design, theme, coordination with SAS on ideas, building the talented and enthusiastic team that helped put the conference together, working with the hotel and the local Convention and Visitors' Bureau – it's a lot of work! Even this Foreword is written months ahead of the conference, so our Proceedings Editor can get the book to SAS on time for printing.

We wanted the conference to be a top-notch affair, one worthy of launching our second decade. So, as early as SUGI 27 in Orlando in 2002, we began recruiting the folks we'd need in order to give our attendees the best we could give them. We called on the wise and experienced members of the SESUG EC for assistance and guidance; well-known presenters and authors to help us put together the best possible sessions; and an army of volunteers to take care of the thousand-and-one tasks necessary to weave all the threads into a rich, full tapestry. The result – a two and one-half day schedule, packed with over 120 papers and presentations, including several presentations from SAS Institute speakers, and seven Hands-On Workshops from Destiny Corporation. To provide even more opportunities in the days before and after the conference, we invited a number of talented and knowledgeable instructors to provide our Pre- and Post-Conference Workshops. We are also delighted to offer the SAS Demo Room and Vendor's Exhibit Area, which provides the opportunity to talk to a SAS representative and watch the demos from vendors in the region.

We want to thank all the people who contribute to the success of this conference. SESUG is an all-volunteer organization and we are fortunate to have so many devoted and caring people that help make the conference a reality.

February 14 -16, 1993
St. Petersburg Beach, Florida

A few *extra*-warm fuzzies must be given here. Much thanks to F. Joseph Kelley, Dan Bruns, S. Dave Riba, and Andy Kuligowski for their over-the-top efforts to provide helpful suggestions (and the occasional nudge) to keep the co-chairs out of trouble; Deborah Skinner for her outstanding efforts to get the new registration system on-line; Greg Barnes-Nelson for the website and CD support; and Deb Cassidy and Mal Foley, for taking a late start in Workshops and turning it into a first-class learning opportunity.

Outside the SESUG organization, we'd be remiss in not thanking Lorraine Rizzon of the SAS Institute and Julie Vogel at the TradeWinds for all their help, suggestions, and support.

We cannot begin to thank our volunteers enough. From Section Chairs to Session Coordinators, presenters, contributors, sponsors and even the folks who just passed along an idea now and then; we couldn't possibly have put on this conference without you.

SouthEast SAS® Users Group

Thanks to our employers, Rho, Inc. and the Bureau of the Census, for their support.

Finally, we need to thank YOU, our attendees. You're why we worked so hard the last two years; we hope that you pick up good information, enjoy this lovely venue – and perhaps make a friend along the way.

Have a great conference – and welcome to St. Pete Beach!



Steve Noga
Rho, Inc.
Operations Chair



Gary Schlegelmilch
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SouthEast SAS® Users Group
First Annual Conference

February 14 -16, 1993
St. Petersburg Beach, Florida

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SESUG 2003

THE PROCEEDINGS OF THE SOUTHEAST SAS USERS GROUP

SouthEast SAS Users Group Annual Conference, St Pete Beach, FL, September 2003

Paper Number

Page Number

APPLICATIONS DEVELOPMENT

AD01	Building Drill-down SAS® Applications <i>Kirk Lafler, Software Intelligence Corporation</i> <i>Charles Edwin Shipp, Shipp Consulting</i>	3
AD02	SAS® System on Network Appliance <i>Dr. Darrell Suggs, Network Appliance Inc.</i> <i>Margaret Crevar, SAS Institute</i> <i>Leigh Ihnen, SAS Institute</i>	7
AD03	The Revised NTP TDMS System <i>Gabriel Cano, Kevin McGowan, Jean Orelie</i> <i>Constella Group, Durham, NC</i>	13
AD04	Developing and Deploying Java Applications Around SAS®: What they Didn't Tell You in Class <i>Greg Barnes Nelson, Jeff Wright</i> <i>ThotWave Technologies, LLC.</i>	19
AD05	The Dataset Attribute Family of Classes <i>Mark Tabladillo, markTab Consulting</i>	29
AD06	A Hiker's Guide to Web Development <i>Steve James, Centers for Disease Control and Prevention</i>	35
AD07	Bulletproofing and Knowledge Encapsulation in Statistical Macros <i>John K. Troxell, Merck & Co., Inc.</i>	47
AD08	A Journeyman's Reference: The Writing for Reading SAS® Style Sheet: Tricks, Traps, Tips, and Templates, from SAS-L Macro Maven <i>Ron Fehd, Center for Disease Control</i>	51

TABLE OF CONTENTS

Paper Number

Page Number

AD09	A Hybrid Modeling Platform to meet Basel II Requirements in Banking <i>Jeffery Morrision, SunTrust Bank, Inc.</i>	57
AD10	Information System for State Trauma Advisory Committee - An application of SAS/IntrNet® <i>Ms. Xiao Zhuang & Dr. Sharon Schiro University of North Carolina at Chapel Hill</i>	65
AD11	Pinch of SAS®, a Fraction of HTML, and a Touch of JavaScript Serve Up a Grand Recipe <i>Jonah P. Turner, U.S. Bureau of the Census</i>	69
AD12	SAS® Macros are the Cure for Quality Control Pains <i>Gary McQuown, Data and Analytic Solutions, Inc.</i>	75
AD13	A Beginners Guide to Incorporating SAS® Output into Microsoft® Office Applications <i>Vincent Del Gobbo, SAS Institute, Inc.</i>	81
AD14	ODS for Microsoft Excel® <i>David Shamlin, SAS Institute, Inc.</i>	89
AD15	Programming for Failure: When Programs Faw Down and Go Boom <i>Gary Schlegelmilch, U.S. Bureau of the Census</i>	90

CODERS' CORNER

CC01	Musical Macros: A Soothing Solution for a Recurrent Data Step Headache <i>Philip J. d'Almada, Rho, Inc.</i>	101
CC02	Libname: Start Your Engines <i>Janet E. Stuelpner, Independent Consultant</i>	104
CC03	Spreading the News: Using System Options <i>Deb Cassidy, Cardinal Health</i>	106
CC04	The Evolution of a Macro: Converting your SAS® Files to a Different Version <i>John C. Gober, Deborah Mullen, Jana L. Smith U.S. Bureau of the Census</i>	108

<i>Paper Number</i>		<i>Page Number</i>
CC07	Create an Informative Summary from Proc T-Test Output <i>Jennifer K. Warner, Marsh Affinity Group Services</i>	110
CC08	How to Get What You Need - Part 1 <i>Chris Toppe, Ph.D., Independent Sector</i>	113
CC09	How to Get What You Need - Part 2 <i>Chris Toppe, Ph.D., Independent Sector</i>	116
CC11	Processing Large Lists of Parameters and Variables with SAS[®] Arrays and Macro Language <i>Eugene Tsykalov, Ph.D., GlaxoSmithKline</i>	119
CC12	Using SAS[®] System in a Very Limited Time/Resource Environment <i>Milorad Stojanovich, RTI International</i>	122
CC13	Machine Reading of Warranty Claims for Classification <i>Robert McCurdy, Mack Trucks</i>	124
CC14	SAS Dating Tips - A Beginner's Guide to SAS[®] Dates <i>Erik S. Larsen, Independent Consultant</i>	127
CC15	Advantages of PROC SCORE <i>Mark Tabladillo, markTab Consulting</i>	129
CC16	Using SAS[®] Macro Language to Develop User-Written Functions <i>Deb Pine, ThotWave Technologies, LLC.</i>	131
CC17	A "Real" Drill-Down Java Graph <i>Jenine Eason, Autotrader.com</i>	133

DATA MANAGEMENT

DM01	New Technologies for Delivering Data to Internal and External Clients <i>Sigurd W. Hermansen, Westat</i>	139
DM02	Data-driven Validation Rules: Custom Data Validation without Custom Programming <i>Don Hopkins, Ursa Logic Corp.</i>	144

TABLE OF CONTENTS

Paper Number

Page Number

DM03	A Technique for Storing and Manipulating Incomplete Dates in a Single SAS® Date Value <i>John Ingersoll, Independent Consultant</i>	152
DM04	Checking Datasets before Submitting Code <i>Mark Tabladillo, markTab Consulting</i>	160
DM05	Automated Testing and Real-time Event Management: An Enterprise Notification System <i>Greg B Nelson, Danny Grasse, and Deborah Pine ThotWave Technologies LLC</i>	166
DM06	Demand for Analysis-Ready Data Sets: An Introduction to Banking and Credit Card Analytics <i>Bikila bi Gwet, VisualStat® Computing, Inc.</i>	172
DM07	PROC SQL: Why Use It When Simple IF/THEN Statements Work? <i>Susan Myers & Inga Allred, Research Triangle Institute</i>	182
DM08	Using DDE and SAS®/Macro for Automated Excel Report Consolidation and Generation <i>Sandra Archer, Mengxi Li & Russell Denslow, Sodexho USA</i>	186

DATA PRESENTATION

DP01	Special Education Practice and Policy: What Principals Know and Need to Know. <i>Dr. Wendy Dickinson, Dr. Tanice Knopp, Dr. Janice Fauske, University of South Florida</i>	195
DP02	Pivoting Data. An Alternative to ACROSS Variables of the REPORT Procedure. <i>Bikila (Kila) bi Gwet, VisualStat®? Computing, Inc./Bikila Analytics™/InfiStar Corporation</i>	202
DP04	SAS/Intrnet® and Census Mapping: How Low Would You Like to Get? <i>Lakshmi Pandey, William Joseph Smith, David Sjoquist, Fiscal Research Program, Andrew Young School of Policy Studies, Georgia State University</i>	212

DP05	Using SAS® and Other Tools to Move an Institutional Research (IR) Office from Hardcopy Reporting to a Web-Based Environment Ms. Sabrina L. Andrews, Ms. Evangeline Collado, Ms. Patricia Ramsey, <i>Office of Institutional Research, University of Central Florida</i>	222
DP06	Bookmarks, Links, and It Looks Great Printed too. Come in and See What ODS PDF Can Do for You. Kevin Delaney, <i>Northrop-Grumman Mission Systems</i>	232
DP07	Tedious Template Made Easy Cindy Stroupe, <i>Inveresk Research</i>	241
DP08	Enterprise Reporting through the SAS® V9.1 Business Intelligence Architecture Jeff Shaughnessy, <i>SAS Institute, Inc.</i>	244
DP09	Building a Web-based EIS for Data Analysis Ed Confer, <i>KGC Programming Solutions</i>	245

HANDS-ON WORKSHOPS

All Hands-On Workshops are presented by **DESTINY CORP., WETHERSFIELD, CT**

HW01	Version 9 ODS (Output Delivery System) – Basics	255
HW02	Moving SAS® Information to Excel®/Word® using DDE	267
HW03	Macros - Basic	273
HW04	Multithreading Applications in Version 9.1	287
HW05	Version 9 ODS – Intermediate	289
HW06	Merge Processing and Alternative Table Lookup Techniques	303
HW07	Macros - Intermediate	310

INTRODUCTION TO SAS

IN02	Tricks of a Truly Lazy SAS® Programmer Chris Toppe, <i>Independent Sector</i>	325
IN03	Choosing and Using Base SAS® PROCs Debbie Buck, <i>D. B. & P. Associates</i>	334
IN04	Fun With Functions Marje Fecht, <i>Prowerk Consulting</i>	335
IN05	How SAS® Thinks Neil Howard, <i>Ingenix</i>	336
IN06	The Elements of SAS® Programming Style Frank DiIorio, <i>CodeCrafters, Inc.</i>	337
IN07	Working with SAS® Date and Time Functions Andrew Karp, <i>Sierra Information Services, Inc.</i>	338
IN08	A Gentle Introduction To SAS/GRAPH® Ben Cochran, <i>Bedford Group</i>	347
IN09	Passing Along SAS® Data - SET, MERGE, and UPDATE Andrew T. Kuligowski, <i>Nielsen Media Research</i>	352
IN10	Testing and Validating SAS® Programs S. David Riba, <i>JADE Tech, Inc.</i>	361

POSTERS

PS01	SAS® to EXCEL™: An Integrated Reporting System Fran Cohen, <i>Westat, Inc.</i>	365
PS02	UltraEdit™--THE EDITOR for SAS® Programming Eugene Tsykalov, <i>GlaxoSmithKline</i>	370
PS03	An Overview of SAS® Certification and the Test Development Process Linda Althouse and Marc Vaglio-Laurin <i>SAS Institute, Inc.</i>	376

PS04	Developing a Marketing Geographic Segmentation System Using SAS® Software Allison N. Freeman and Kellie M. Poulin <i>Marsh Affinity Group Services</i> This poster accompanies a paper presented in Statistics & Data Analysis , SD18. See the paper for details.	597
PS06	Tips for Running Simulations in SAS® Dr. Dave Dickey, Sandy Donaghy, Joy Smith <i>North Carolina State University</i>	382
PS07	Dynamically Assigning TREPLAY Statements for Producing Multiple Plots Per Page Alice Lail and Karen Wade, <i>Rho, Inc.</i>	383
PS08	What is Missing in SAS®? Imelda Go, <i>South Carolina Department of Education</i>	388
PS09	Creating an Intranet Toolbox of Selective Oracle™ Metadata John C. Gober, Jana L. Smith, Debi Mullen <i>U.S. Bureau of the Census</i>	393
PS10	Data Acquisition Portal (DAP) Web: Web Based Data Collection Application Christina Carty, Elizabeth Spence, Norman Oals, Linda Linzy <i>VA Cooperative Studies Program Coordinating Center, Perry Point, Maryland</i> Reuben Richards, <i>Public Sector Group, SAS Institute Inc., Rockville, Maryland</i>	399

SERENDIPITY

SE01	Data Step Hieroglyphics - ?*)&:@ _%({} Harry Droogendyk, <i>Stratia Consulting Inc.</i>	403
SE02	SAS® in the Office - IT Works Peter Eberhardt, <i>Fernwood Consulting Group Inc.</i>	415
SE03	A Table-Driven ODS Macro Diane E. Brown, <i>eXponential Systems</i>	422

TABLE OF CONTENTS

Paper Number

Page Number

SE04	Dynamic SAS® Programming Techniques, or How NOT to Create Job Security Suzanne McCoy, <i>Lucid Analytics</i> Steven Beakley, <i>Independent Consultant</i>	430
SE05	The Sublime Secrets of the SAS® SQLheads Sigurd W. Hermansen, <i>Westat</i>	437
SE06	"LAG with a WHERE" and other DATA Step Stories Neil Howard, <i>Ingenix Pharmaceutical Services</i>	443
SE07	A Sampler of Code Techniques Ian Whitlock, <i>Westat</i>	444
SE08	Using an Array as an IF Switch Ed Heaton and Nazik Elgaddal, <i>Westat</i>	450
SE09	Pruning the SASLOG - Digging into the Roots of NOTES, WARNINGS, and ERRORS Andrew T. Kuligowski, <i>Nielsen Media Research</i>	459
SE10	Keeping Up With the FUN: New Functions in SAS 9 Deb Cassidy, <i>Cardinal Health</i>	469
SE11	Proc Migrate: How to Migrate Your Data and Know You've Done It Right! Diane Olson and David Wiehle, <i>SAS® Institute.</i>	476
SE12	That's my Style Himesh Patel, <i>SAS Institute, Inc.</i>	487
SE14	Charting Your Course: Charts and Graphs for IT Projects Dawn Li, Ph. D. and Gary McQuown, <i>Data and Analytic Solutions</i>	488
SE15	Track Your SAS® Jobs with Tracker Phil Busby, <i>Live Data Systems, Inc.</i>	497
SE16	Behind the Scenes at SAS-L F. Joseph Kelley, <i>University of Georgia</i>	500

STATISTICS & DATA ANALYSIS

SD01	An Introduction to Genomics and SAS® Scientific Discovery Solutions Susan Flood, Russ Wolfinger, Kristen Quinlan <i>SAS Institute, Inc.</i>	505
SD02	An Algorithm for Screening of Genes and Clusters from Microarray Experiments James Blum, <i>University of North Carolina at Wilmington</i>	512
SD03	Management of CABG Patient Mortality Using SAS® Logistic Regression by Cohorts: Age, Sex and Cleveland Clinic Defined Risk Factors <i>Five Years of Data and Analysis Compressed onto a 3 X 5 Pocket Guide.</i> Lucinda Jenkins, MBA; Bing Li, Ph.D.; Mike Mueller, RN and MBA; Steve Hadzima, MD and MBA <i>Christian Hospital NE</i>	516
SD04	EFFECT_CI: A SAS Macro for Constructing Confidence Intervals Around Standardized Mean Differences Melinda Hess, <i>University of South Florida</i>	523
SD05	Using the SAS® System to Construct <i>n</i>-Values Plots Peter Wludyka, Amy Cox, <i>University of North Florida</i>	529
SD06	Comparison of PROC MIXED and PROC GLM for Analysis of Repeated Measures Data Hossein Yarandi, <i>University of Florida</i>	538
SD07	Too Many Choices! The IMPORTANCE of Rank-Ordering Independent Variables Prior to Exploratory Data Analysis Gregg Weldon, <i>Sigma Analytics & Consulting, Inc.</i>	544
SD08	Methods of Dealing with Values Below the Limit of Detection Using SAS® Carry Croghan, Dr. Peter Egeghy, <i>US-EPA</i>	549
SD09	A SAS® Macro to Design Phase II Clinical Trials Alan Cantor, <i>Moffitt Cancer Center</i>	554

TABLE OF CONTENTS

<i>Paper Number</i>		<i>Page Number</i>
SD10	Identifying Person Duplicates of Short Geographic Distance by Computer Matching <i>Vincent T. Mule, U.S. Bureau of the Census</i>	556
SD11	An Interactive Approach to Multiple Comparison Procedures <i>Peter Davis, U.S. Bureau of the Census</i>	566
SD12	METAPERM: A SAS® Macro for Permutation Tests of Linear Models in Meta-analysis <i>Jeffrey D. Kromery, Kristine Y. Hogarty University of South Florida</i>	570
SD13	An Analysis Tool for Reviewing Farm Economic Data Using SAS /AF® <i>Van Johnson, U.S. Bureau of the Census</i>	576
SD15	Statistical Analysis of Genotype X Environment Interaction in Agricultural Research <i>K. Bondari, University of Georgia, Tifton</i>	583
SD16	Missing Data Values: Analyzing their Effects on Rainfall Forecasts Using PROC EXPAND and the SAS® Time-Series Forecasting System <i>Richard March, South Florida Water Management District</i>	589
SD17	Preparing Data Using PROC SQL and SAS Macro for Paired Sample Comparison on Intervention Study <i>Wei Zhao, Hua Li, University of Miami</i>	593
SD18	Developing a Marketing Geographic Segmentation System Using SAS® Software <i>Kellie M Poulin, Allison N. Freeman Marsh Affinity Group Services</i>	597

TRAINING & PROFESSIONAL DEVELOPMENT

TD01	SAS's Resources for Learning <i>Michele Ensor, SAS Institute, Inc.</i>	609
TD02	Efficient Way to Learn SAS® with Virtually No Cost <i>Mirjana Stojanovic, Statistical Programmer</i>	610

<i>Paper Number</i>		<i>Page Number</i>
TD03	SAS® Consultants: Sheep in Wolf's Clothing <i>Gary McQuown, Data and Analytic Solutions</i>	616
TD04	So You Want to Write a paper? That paper about Writing a Paper <i>Dianne Rhodes, WESTAT</i>	624
TD05	Ten Things I Wish I Knew Before I Became a SAS® Software Consultant <i>Andrew Karp, Sierra Information Services, Inc.</i>	628
 <i>TUTORIALS</i>		
TU01	Dare to Compare - Tailoring PROC COMPARE Output <i>Maria Reiss, Wyeth</i>	639
TU02	SAS® Formats: Uses and Abuses <i>Carry Croghan, US-EPA</i>	649
TU03	Am I Evil?: Proc Template Exposed!!! <i>Kevin Delaney, Northrop-Grumman Mission Systems, Atlanta, GA</i>	655
TU04	Greetings from the Edge: Using javaobj in DATA Step <i>Richard A. DeVenezia, Remsen, NY</i>	665
TU05	Dictionary Tables and Views: Essential Tools for Serious Applications <i>Frank DiIorio, CodeCrafters, Inc., Chapel Hill, NC</i> <i>Jeff Abolafia, Rho, Inc., Chapel Hill, NC</i>	675
TU06	Table Lookup By Direct Addressing: From V8 To V9 <i>Paul Dorfman</i>	685
TU07	A Peek at PROC DOCUMENT <i>Andrew H. Karp, Sierra Information Services, Inc.</i>	698
TU08	An Animated Guide: Proc Report: The File Behind the Scenes <i>Russell Lavery, Independent Consultant</i>	699

TABLE OF CONTENTS

Paper Number

Page Number

TU09	Contrasting Programming Techniques for Summarizing Voluminous SAS® Output Using the SAS Output Delivery System(ODS) <i>Proc FREQ as an Example</i> Stuart Long and Larry Park, <i>Westat</i>	709
TU10	Getting What You Want Out Of A Many-to-Many Merge Sonal R. Pathak MPH and Shabnam Mehra, <i>University of South Florida</i>	719
TU11	Using SAS® and Other XML Tools Effectively Scott E. Chapal, <i>Ichauway, Inc.</i>	724
TU12	How Regular Expressions Really Work Jack Shoemaker, <i>ThotWave Technologies</i>	734
TU13	How to Implement the One-Time Methodology Mark Tabladillo, <i>markTab Consulting</i>	738
TU14	MACROS: Tips, Techniques, and Examples Andrew Traldi, <i>Advanced Quantitative Solutions, Inc.</i>	743
TU15	Excel™ Exposed: Using Dynamic Data Exchange to Extract Metadata from MS Excel Workbooks. Koen Vyverman, <i>SAS Institute - the Netherlands</i>	753
TU16	Creating a Compact Columnar Output with PROC REPORT Walter R. Young, <i>Principal Clinical Programmer Analyst, Wyeth</i>	763
TU17	The Utter Simplicity and Power of the TABULATE Procedure Dan Bruns, <i>Tennessee Valley Authority</i>	771

INDICES

Author Index	779
Keyword Index	785