Issue 55 Fall 2019

Note from the Editor

Forecasting Support Systems
• Forecasting at Scale: The Architecture of a Modern Retail Forecasting System

Forecaster in the Field
• Interview with Phillip Yelland
• Open-Source Forecasting Tools in Python

Forecasting and Planning Perspectives
• Autonomous or “Lights Out” Supply-Chain Planning:

What New Technology Is Required
• Commentary: Close the Loop, Stabilize, and Respond

Book Review
• *Forecasting: An Essential Introduction*

Artificial Intelligence
• Continual Learning: The Next Generation of Artificial Intelligence
• Postscript to the Summer 2019 Issue
Note from the Editor

Special Feature: Use of Judgment in Model Selection
• Judgmental Model Selection
• Commentary: A Surprisingly Useful Role for Judgment
• Commentary: Algorithmic Aversion and Judgmental Wisdom
• Commentary: Model Selection in Forecasting Software
• Commentary: Exploit Information from the M4 Competition

Book Review
• Data Science for Supply Chain Forecast

Forecasting Methods
• State Space Modeling for Practitioners

Prediction Markets
• Benefits and Challenges of Corporate Prediction Markets

Forecaster in the Field
• Interview with Thomas Wolfram

Forecasting Practice
• Why Is It So Hard to Hold Anyone Accountable for the Sales Forecast?
• Communicating the Forecast: Providing Decision Makers with Insights

Feature: Use of Judgment in Model Selection

State Space Modeling for Practitioners

Benefits and Challenges of Corporate Prediction Markets

Interview with Thomas Wolfram

Why Is It So Hard to Hold Anyone Accountable for the Sales Forecast?
• Communicating the Forecast: Providing Decision Makers with Insights

World of Forecasting
• Commentaries on Forecasting Medical Risks
• Medical Science and Practice: Does Anyone Want to Fix Them?
• Medicine and Risk Transfer

Forecast Error Measurement
• Monetized Forecast-Error Comparisons

Artificial Intelligence
• Forecasting the Impact of Artificial Intelligence: Another Voice
• Response to Lawrence Vanston

Forecaster in the Field
• Interview with Lawrence Vanston

Response to Comments

Forecasting Principles and Methods
• The Ten Commandments of Economic Forecasting

DATA SCIENCE FOR SUPPLY CHAIN FORECAST

THE TEN COMMANDMENTS OF ECONOMIC FORECASTING

M4 COMPETITION

FORECAST ERROR MEASUREMENT

MONETIZED FORECAST-ERROR COMPARISONS
Note from the Editor

Book Review
- *The Little (Illustrated) Book of Operational Forecasting* by Steve Morlidge

Hot New Research
- Scenarios and Forecasts: Complementary Ways of Anticipating the Future?

Special Feature
- Forecasting the Future of Retail Forecasting
- Interview with Stephan Kolassa

Commentary on “Forecasting the Future of Retail Forecasting”

World of Forecasting
- Predicting Medical Risks and Appreciating Uncertainty

Forecasting Practice
- A Classification of Business Forecasting Problems

Artificial Intelligence
- Commentary on Spyros Makridakis’s article “Forecasting the Impact of Artificial Intelligence”

Note from the Editor

Book Review
- *Profit from Your Forecasting Software: A Best-Practice Guide for Sales Forecasters* by Paul Goodwin

Forecasting Support Systems
- A Blueprint for Selecting and Implementing a Forecasting Support System: Part 2

Forecasters in the Field
- Interview with Matthias Lütke Entrup and Dennis Goetjes

Forecasting Practice
- Warning Signs for Forecasting Consumer-Induced Shortages
- The State of New-Product Forecasting

Forecasting Perspectives
- Forecasting the Impact of Artificial Intelligence, Part 5: *The Emerging and Long-Term Future*
- Deep Learning for Forecasting: Current Trends and Challenges
Note from the Editor

Special Feature on Supply Chain Forecasting
• Preview
• Choosing and Achieving a Target Service Level
• How Should a Company Set Service Levels? Perception vs. Reality

Forecasting Perspectives
• Forecasting the Impact of Artificial Intelligence Part 3 of 4: The Potential Effects of AI on Businesses, Manufacturing, and Commerce

Long-Range Forecasting
• The Future of Work in the United States: Projections of Occupational Employment to 2026

Sales and Operations Planning
• Bridging the Distributor into a Collaborative Demand-and-Supply Planning Process

Forecaster in the Field
• Interview with Can Eksoz

Mannheim Certificate of Forecasting Practice
Issue 48 Winter 2018

Note from the Editor
The M4 Competition: Interview with Spyros Makridakis
Forecasting Perspectives
- Forecasting the Impact of Artificial Intelligence (AI), Part 2 of 4: Examining Four Scenarios of Possibility
- How to Respond to a Forecasting Sceptic
- Review of Forewarned: A Sceptic’s Guide to Prediction

Forecasting Methods
- Incorporating Leading Indicators into Sales Forecasts
- Principles of Business Forecasting: Review of the 2nd Edition

Collaborative Forecasting and Planning Practices

Forecast Accuracy Measurement
- Beware of Standard Prediction Intervals for Causal Models

Issue 47 Fall 2017

Note from the Editor
Special Feature on Artificial Intelligence
- Introduction
- Forecasting the Impact of Artificial Intelligence (AI)
- Interview with Spyros Makridakis

Hot New Research
- Forecasting After a Fashion

Pharmaceutical Forecasting
- Predicting the Uptake Curve of New Drugs

Collaborative Forecasting and Planning Practices
- Principles, Benefits, and Pitfalls of Vendor-Managed Inventory
- Misconceptions, Missteps, and Bad Practices in S&OP – Part 2
- Do Companies Really Need Software for S&OP?
Issue 46 Summer 2017
Note from the Editor
Sales and Operations Planning
• Misconceptions, Missteps, and Bad Practices in S&OP
Forecasting Methods Tutorial
• The Theta Method
Long-Range Forecasting
• Longevity: Blessing or Curse?
Forecasting Practice
• Communicating Forecasts to the C-Suite: A Six-Step Survival Guide
Forecasting Accuracy Measurement
• The Quest for a Better Forecast Error Metric: Measuring More than the Average Error
Forecaster in the Field
• Interview with Stefan de Kok

Issue 45 Spring 2017
Note from the Editor
Earnings Forecasts: The Bias Is Back
Special Feature
• Is Big Data the Silver Bullet for Supply-Chain Forecasting?
• Commentary: Becoming Responsible Consumers … of Big Data
• Commentary: Customer vs. Item Forecasting
• Commentary: Big Data or Big Hype?
• Commentary: Big Data, a Big Decision

• Commentary: Big Data and the Internet of Things
Forecaster in the Field
• Interview with Shaun Snapp
Prediction Markets
• Prediction Market Performance in the 2016 U.S. Presidential Election
Sales and Operations Planning
• How to Shape a Company Culture with S&OP
• Commentary on “How to Shape a Company Culture with S&OP”: Building and Maintaining Trust
Issue 44 Winter 2017

Note from the Editor

Hot New Research
• Collaborative Forecasting: Is It Always Worth It?

Forecasting Principles and Methods
• Recoupling the Forecasting and Stock-Control Processes

Book Reviews
• Demand Forecasting for Managers

Forecasting Perspectives
• Changing the Paradigm for Business Forecasting
• Commentary on “Changing the Paradigm for Business Forecasting”

Forecasting Practice
• Research into Forecasting Practice
• Commentary on “Research into Forecasting Practice”

Issue 43 Fall 2016

Note from the Editor

Forecasting Perspectives
• The Impact of Strategy on Supply Chain and Forecasting

Forecasting Principles and Methods
• Forecast Process Improvement at Shell Lubricants

Collaborative Forecasting and Planning
• Achieving S&OP Success: How Principles of Team Effectiveness Can Help

Forecasting Practice
• Mission-Based Forecasting: Demand Forecasting for Military Operations
• Sales Forecasts for the Consumer Chain: Are We Kidding Ourselves?

Forecasting Support Systems
• Off-the-Shelf vs. Customized Forecasting Support Systems
Issue 41 Spring 2016

Note from the Editor

Special Feature: Forecasting Misbehavior and Control
• Econs vs. Humans: Which Are We?
  Book Review of *Misbehaving* by Richard H. Thaler
• Misbehaving Agents
• Misbehavior in Forecasting Financial Markets
• Toward a More Rational Forecasting Process:
  Eliminating Sales-Forecasting Misbehaviors

Forecasting Support Systems
• Overcoming Barriers to Improving Forecast Capabilities
• Beyond S&OP and IBP to Enterprise Planning and Performance Management:
  A Commentary on the Need for New Technology

Forecasting Accuracy Measurement and Presentation
• Using Error Analysis to Improve Forecast Performance

Forecaster in the Field
• Interview with Mark Blessington
• Forecasting: Academia versus Business

Issue 42 Summer 2016

Note from the Editor

Sales & Operations Planning
• An S&OP Communication Plan: The Final Step in Support of Company Strategy

Forecaster in the Field
• Interview with Niels van Hove

Strategic Forecasting
• Step Aside, Climate Change – Get Ready for Mass Unemployment

Special Feature: Closing the Gap Between Academia and Business Forecasting
• Forecasting: Academia versus Business
• Commentary: It Takes Two to Tango
• Commentary: Academic Frameworks for Practitioner Use
• Commentary: Refocusing Forecasting Research
• Commentary: Research Needed on Advisory Forecasts
• Commentary: Two Sides of the Same Coin
• Commentary: The End vs. the Means
• Commentary: The Incentives Gap
• Commentary: That Feeling for Randomness
Issue 39 Fall 2015
Note from the Editor
Special Feature on Forecasting Support Systems
• Forecasting Support Systems: Ways Forward
• Commentaries
Collaborative Forecasting and Planning
• Collaborative Culture: The New Workplace Reality
• An Executive Guide to Hiring Successful Demand Planners

Forecasters in the Field
• Interview with Jack Harwell
• Interview with Neill Wallace

Book Review
• Forecasting for the Pharmaceutical Industry

Forecasting Methods Tutorial

Issue 40 Winter 2016
Note from the Editor
Book Review
Superforecasting: The Art and Science of Prediction
Forecasting Principles and Methods
• Bias-Variance Trade-offs in Demand Forecasting
• Sometimes It’s Better to Be Simple than Correct
Collaborative Forecasting and Planning
• Beyond S&OP and IBP to Enterprise Planning and Performance Management

Forecaster in the Field
• Interview with Dean Sorensen

Forecasting Practice
• Sales Quota Accuracy and Forecasting

Strategic Forecasting
• TechCast’s Top Ten Forecasts
Issue 37 Spring 2015

Note from the Editor

Special Feature
• From Sales & Operations Planning to Business Integration

Strategic Forecasting
• Thinking Big! Incorporating Macrotrends into Supply Chain Planning and Execution
• The United Nations Probabilistic Population Projections: An Introduction to Demographic Forecasting with Uncertainty

Prediction Markets
• Have Corporate Prediction Markets Had Their Heyday?

Forecast Principles and Methods
• Measuring the Quality of Intermittent-Demand Forecasts: It’s Worse than We’ve Thought!

Book Review
• Demand Forecasting for Inventory Control by Nick T. Thomopoulos

Forecaster in the Field
• Interview with Fotios Petropoulos

Issue 38 Summer 2015

Note from the Editor

Hot New Research
• When Forecasting in the Supply Chain Gets Tough

Demand Forecast Modeling
• Incorporating Google Trends Data Into Sales Forecasting
• A Better Way to Assess the Quality of Demand Forecasts

Judgmental Adjustments to Statistical Forecasts
• Practical Considerations in Forecast Value Added (FVA) Analysis
• Judgmental Adjustments to Forecasts in the New Economy

Forecaster in the Field
• Interview with Pete Alle

Review Article
• Three Cheers for GDP – Warts and All!
Issue 36 Winter 2015

Notes from the Editor

Forecast Process Improvement
• Improving Forecast Quality in Practice
• Commentary

Sales and Operations Planning
• Internal and External Collaboration: The Keys to Demand-Supply Integration
• Commentary: Extension Beyond Fast-Moving Consumer Goods

Financial Forecasting
• Financial Crises and Forecasting Failures
• Commentary

Forecasting Intelligence
• Always in Season: Giving Due Respect to Seasonality in Monthly Forecasting

Forecaster in the Field
• Interview with Clive Jones

Strategic Forecasting
• Strategic Technology and Social Forecasts
• New Foresight Guidebook: Techniques for Forecasting Product and Temporal Hierarchies

Issue 35 Fall 2014

Notes from the Editor

Hot New Research
• SPIES— A Simple Method for Improving Forecasts?

Special Feature: Role of the Sales Force in Forecasting
• Role of the Sales Force in Forecasting
• Commentaries

Forecasting Support Systems
• Data-Cube Forecasting for the Forecasting Support System

Forecaster in the Field
• Interview with Igor Gusakov

Forecasting by Aggregation: Part 2
• Forecasting by Cross-Sectional Aggregation
• Optimally Reconciling Forecasts in a Hierarchy
Issue 33 Spring 2014

Notes from the Editor

Hot New Research
• Getting Real about Uncertainty

Special Feature
• A Roadmap to Implementing CPFR
• Commentary: Challenges along the Road to Implementing CPFR

Forecaster in the Field
• Interview with Aris Syntetos

Book Reviews
• *Forecasting by Aggregation* by Walter A. Friedman
• *In 100 Years: Leading Economists Predict the Future* edited by Ignacio Palacios-Huerta

Forecasting Principles and Methods
• Forecasting for Revenue Management: An Introduction

Forecasting Accuracy Measurement
• Using Relative Error Metrics to Improve Forecast Quality in the Supply Chain

Issue 34 Summer 2014

Notes from the Editor

Special Feature: Forecasting by Aggregation
• Introduction
• Forecasting by Temporal Aggregation
• Improving Forecasting via Multiple Temporal Aggregation

Forecaster in the Field
• Interview with Aris Syntetos

Book Reviews
• *Fortune Tellers: The Story of America’s First Economic Forecasters* by Walter A. Friedman
• *In 100 Years: Leading Economists Predict the Future* edited by Ignacio Palacios-Huerta

Forecasting Principles and Methods
• Forecasting for Revenue Management: An Introduction

Forecasting Accuracy Measurement
• Using Relative Error Metrics to Improve Forecast Quality in the Supply Chain
Issue 31 Fall 2013

Notes from the Editor

Special Feature
• Critical Skills for the Business Forecaster

Forecaster in the Field
• Interview with Jeffrey Mishlove

Forecasting Support Systems
• Forecasting “In the Pocket”: Mobile Devices Can Improve Collaboration

Forecasting Methods Tutorial
• Regression Modeling for Business Forecasting

Forecasting Principles and Practices
• Do Forecasting Methods Reduce Avoidable Error? Evidence from Forecasting Competitions
• The Beauty of Forecasting
• Energy Forecasting: Past, Present, and Future

Book Reviews
• Demand and Supply Integration: The Key to World-Class Demand Forecasting by Mark A. Moon
• Keeping Up with the Quants: Your Guide to Understanding + Using Analytics by Thomas H. Davenport and Jinho Kim

Issue 32 Winter 2014

Notes from the Editor

Special Feature
• Critical Skills for the Business Forecaster

Forecaster in the Field
• Interview with Sujit Singh

Forecasting Support Systems
• Forecasting “In the Pocket”: Mobile Devices Can Improve Collaboration

Forecasting Methods Tutorial
• Regression Modeling for Business Forecasting

Forecasting Principles and Practices
• Do Forecasting Methods Reduce Avoidable Error? Evidence from Forecasting Competitions
• The Beauty of Forecasting
• Energy Forecasting: Past, Present, and Future
Issue 30 Summer 2013

Notes from the Editor

Special Feature
• How Good Is a “Good” Forecast?: Forecast Errors and Their Avoidability

The Success Equation Book
• Is Success a Result of Skill or Luck?
• Tracking and Improving Our Performance in the Skill-Luck Continuum

Forecasting Methods Tutorial
• ARIMA: The Models of Box and Jenkins

Hot New Research Column
• Come Rain or Shine: Better Forecasts for All Seasons

Forecasting Intelligence
• Forecasting Consumer Purchases Using Google Trends

Book Review
• Supply Chain Forecasting Software by Shaun Snapp

Issue 29 Spring 2013

Notes from the Editor

Forecasting Principles and Practices
• Forecasting Revenue in Professional Service Companies
• FVA: A Reality Check on Forecasting Practices

S&OP and Collaborative Forecasting
• S&OP and Financial Planning
• Collaborative Forecasting: Beyond S&OP

Forecasting Methods
• Rare Events: Limiting Their Damage Through Advances in Modeling

Book Review

Long-Range Forecasting
• Megatrends and Game Changers: The U.S. National Intelligence Council’s “Global Trends 2030: Alternative Worlds”
Issue 27 Fall 2012

Notes from the Editor

Special Feature
• Why Should I Trust Your Forecasts?

Commentaries
• It's About the Quality of Interaction
• The Forecaster's Capability and Empowerment
• Trust in Forecasting, and the Myth of Neutrality
• The View Across the Supply Chain

Forecasting Methods Tutorial
• Exponential Smoothing: The Workhorse of Business Forecasting

Sales and Operations Planning
• S&OP Principles: The Foundation for Success
• Executive S&OP Implementation – Do It Right

Book Review
• Principles of Business Forecasting by Keith Ord & Rober Fildes and Forecasting: Principles and Practice by Rob Hyndman & George Athanasopoulos

Issue 28 Winter 2013

Notes from the Editor

Forecasting Methods: The Practical Issues
• Forecasting to Meet Demand
• How to Separate Risk from Uncertainty in Strategic Forecasting

Joe and Simon Sez
• Fostering Communication that Builds Trust

Sales and Operations Planning
• The Role of S&OP in a Sluggish Economy

• S&OP: Five Steps to Gaining Necessary and Appropriate Buy-In

Forecaster in the Field
• Interview with Jason Boorman

Forecasting Support Systems
• GIS: The Missing Tool for Supply-Chain Design

Election Postmortem
• Combined Forecasts of the 2012 Election: The PollyVote

Book Review
• Nate Silver’s The Signal and the Noise: Why So Many Predictions Fail – But Some Don’t
Issue 25 Spring 2012

Notes from the Editor

Book Review
- *Thinking, Fast and Slow* by Daniel Kahneman

Forecasting Support Systems
- Guiding Principles for the Forecasting Support System

Joe and Simon Sez
- Our Best Worst Forecasting Mistakes

Forecasting Principles and Methods
- Good Patterns, Bad Patterns
- Predicting Job Performance: The Moneyball Factor
- Designing the Forecasting Process to Manage Bias

Sales and Operations Planning
- Executive S&OP: Overcoming the “Catch-22” of Implementation

Forecasting Intelligence
- Forecasting for Fun Outside Your Cubicle

Issue 26 Summer 2012

Notes from the Editor

Special Feature
- Forecastability: A New Method for Benchmarking and Driving Improvement

Forecaster in the Field
- Interview with Sean Schubert

Forecasting Meeting
- Questions from On High

Forecast Model Building
- The Application of Product-Group Seasonal Indexes to Individual Products
- Hemlines and the Economy: Which Goes Down First?

Forecast Support Systems
- Forecasting Software: Improving the User Experience

Book Review
- *Abundance: The Future Is Better Than You Think* by Peter Diamandis and Steven Kotler

Election Forecasting
- Reliable Forecasts of the 2012 Presidential Election
- Does Obama Keep the Keys to the White House?
Issue 23 Fall 2011

Note from the Editor

Foresight Thank You and Upcoming Features

Special Feature

• The Forecasting Process: Guiding Principles Part 2

Hot New Research

• High on Complexity, Low on Evidence: Are Advanced Forecasting Methods Always as Good as They Seem?

The Forecasting Meeting

• The Senior Managers’ Monthly Forecasting Report

Forecast Accuracy Measurement

• A “Softer” Approach to the Measurement of Forecast Accuracy

• Percentage Errors Can Ruin Your Day (and Rolling the Dice Shows How)

Book Reviews

• Scenario Planning in Organizations, by Tom Chermack and Scenario Thinking: Practical Approaches to the Future, by George Wright and George Cairns

Forecasting Methods Tutorial

• Forecasting with Structural Models and VARs: Relative Advantages and the Client Connection

Prediction Markets

• Prediction Markets and the “Trough of Disillusionment”

• Reply to “Trough of Disillusionment”

Issue 24 Winter 2012

Notes from the Editor

Foresight Intelligence

• Stream Analytics for Forecasting

Election Forecasting

• The PollyVote's Year-Ahead Forecast of the 2012 U.S. Presidential Election

• Does a Presidential Candidate's Campaign Affect the Election Outcome?

Forecasting Methods

• Forecasting Rounds of Golf

The Forecasting Process: Guiding Principles First Round of Commentaries

• Preview to the Commentaries

• There are More Fundamental Issues

• A Practical Handbook on Best Practice

• Elaboration on the Foundation Principles

• Elaboration on the Behavioral Principles

• Foundation Principles for Supply Chain Partners

• The Morlidge Guiding Principles vs. Armstrong’s Principles of Forecasting

• Guiding Principles: Reply to Commentaries

• Outrageous Fortunes: How Daniel Altman Sees the Future of the Global Economy
Issue 22 Summer 2011

Note from the Editor
• Summer 2011 Issue

Special Feature
• The Forecasting Process: Guiding Principles

Forecasting Intelligence
• Using the International Futures Global Modeling System (IFs) for Alternative Scenarios by the Numbers

Sales and Operations Planning
• Executive S&OP and The Cycle of Resolution: Resolving Conflict to Align Human Energy

Joe and Simon Sez
• Forecasting Tools: Have They Upgraded the Forecasting Process?

Letter to the Editor

Book Review
• The World in 2050: Four Forces Shaping Civilization's Northern Future by Laurence C. Smith

Forecasting Support Systems
• A Forecasting Support System for Temperature-Controlled Transport

Issue 21 Spring 2011

Note from the Editor
• Spring 2011 Issue

Book Review
• Being Wrong: Adventures in the Margin of Error by Kathryn Schulz

Hot New Research
• Projecting Success: Don't Forget the Base Rate

Financial Forecasting
• Accuracy versus Profitability

Forecasting Principles and Methods
• Forecasting Exceptional Demand: Not the Same as Forecasting Ordinary Demand

Forecaster in the Field
• Wilpen L. Gorr

Forecast Process Improvement
• Getting Your Forecasting and Planning Fundamentals Right: A Case Study

Prediction Markets
• Corporate Prediction Markets: Pitfalls and Barriers

World of Forecasting
• Predicting the Results of the 2010 Midterm Elections: Judgment, Econometrics, and Prediction Markets

Forecast Accuracy Measurement
• Two Commentaries
Issue 19 Fall 2010

Note from the Editor
- A Capsule of the Fall 2010

Book Review
- The Business Forecasting Deal: Exposing Myths, Eliminating Bad Practices, Providing Practical Solutions by Michael Gilliland

Forecaster in the Field
- Mike Gilliland

Special Feature: The Boundaries of Statistical Forecasting
- The Boundaries of Quantitative Forecasting Methods: Respecting the Limits of Determinism

Commentaries
- In Some Ways the Situation is Even Worse
- The View from a Quantitative Forecaster
- The Limitations of Quant Models: Compared to What?

Hot New Research
- The Holt Winters Approach to Exponential Smoothing: 50 Years Old and Going Strong

Sales and Operations Planning
- Executive S&OP: Managing to Achieve Consensus

Prediction Markets
- Are Prediction Markets More Accurate than Simple Surveys?

Long Range Forecasting
- U.S. Annual Energy Outlook 2010

Issue 20 Winter 2010

Note from the Editor
- Entering 2011: The Winter Issue

Joe and Simon Sez
- Who Should Own the Business Forecasting Function?

Commentaries

Book Review
- This Time Is Different: Eight Centuries of Financial Folly by Carmen M. Reinhart and Kenneth S. Rogoff

Supply Chain Forecasting
- Classification for Forecasting and Inventory

Forecasting Intelligence
- Forecasting Future Technology

Forecast Process Improvement
- Getting Your Forecasting and Planning Fundamentals Right

Sales and Operations Planning
- How S&OP Changes Corporate Culture: Results from Interviews with Seven Companies

Peter Kennedy: In Memoriam
**Issue 18 Summer 2010**

**Note from the Editor**
- A Capsule of the Summer 2010 Issue

**Special Feature: Forecasting for the Supply Chain**
- Defining “Demand” for Demand Forecasting
- Choosing Levels of Aggregation for Supply Chain Forecasts
- The Value of Forecast Information Sharing in the Supply Chain

**Forecast Model Building: the Practical Issues**
- Worst-Case Scenarios in Forecasting: How Bad Can Things Get?

**World of Forecasting**
- The Keys to the White House: Forecast for 2012

**Forecasting Intelligence**
- Looking Under the Hood of That Trend

**Book Review**
- The Next Hundred Million: America in 2050 by Joel Kotkin

**Letter to the Editor**
- Should You Report Forecast Error or Forecast Accuracy?

---

**Issue 17 Spring 2010**

**Note from the Editor**
- A Capsule of the Spring 2010 Issue

**Hot New Research**
- Why Hindsight Can Damage Foresight

**Prediction Markets**
- Prediction Markets for Forecasting Drug Development

**Special Feature**
- A DEFT Approach to Trend-Based Foresight

**Software Review**
- Free Open-Source Forecasting Using R

**Sales and Operations Planning**
- Resolving a Family Feud: Market-Facing versus Lean Manufacturing Families

**Forecast Process Design**
- Part 3: Change Management and the Forecasting Challenge

**Book Reviews**
- Business Forecasting: A Practical, Comprehensive Resource for Managers and Practitioners
- Strategic Business Forecasting: A Structured Approach to Shaping the Future of Your Business

**Forecaster in the Field**
- Adam Gordon
Issue 15, Fall 2009 Issue

Note from the Editor
• A Capsule of the Fall 2009 Issue

Book Review
• *Animal Spirits* by George A. Akerlof and Robert J. Shiller, Roy Batchelor

Hot New Research Column
• Taking Stock: Assessing the True Cost of Forecast Errors, Paul Goodwin

Special Feature: Forecast Process Design
• Preview, Len Tashman

• The Alignment of People, Process, and Tools, Joe Smith

Forecasting Principles and Methods
• Assessing Uncertainty in New-Product Forecasts by Nick Guthrie and Des Markland

Sales and Operations Planning
• How V&M Star Converts Family Forecasts Into Resource Requirements with Executive S&O by Robert Stahl and Amy Mansfield

• Corporate Culture and S&OP: Why Culture Counts by John Mello

Forecasters in the Field
• Steve Morlidge

Issue 16, Winter 2010 Issue

Note from the Editor
• A Capsule of the Winter 2010 Issue

Forecasting Perspectives
• Using Forecasting to Steer the Business: Six Principles by Steve Morlidge

Forecasting Intelligence
• A Baker’s Dozen Free Sources of Economic Forecasts by Roy Pearson

Special Feature On Forecast Process Design: Part 2
• The Forecast Reliability Assurance Model (FRAM) by Joe Smith

Forecasting Principles and Methods
• Assessing Uncertainty in New-Product Forecasts by Nick Guthrie and Des Markland

Forecasting Perspectives
• Using Forecasting to Steer the Business: Six Principles by Steve Morlidge

Forecasting Intelligence
• A Baker’s Dozen Free Sources of Economic Forecasts by Roy Pearson

Special Feature On Forecast Process Design: Part 2
• The Forecast Reliability Assurance Model (FRAM) by Joe Smith

Forecasting Principles and Methods
• Assessing Uncertainty in New-Product Forecasts by Nick Guthrie and Des Markland
Issue 14, Summer 2009 Issue

Note from the Editor
- Capsule of the Summer 2009 Issue, Len Tashman
- Can We Forecast Earthquakes, Len Tashman

Book Review
- The Drunkard's Walk: How Randomness Rules Our Lives by Leonard Mlodinov, Peter Sephton

Forecasting Intelligence Column
- Free and Easy Access to Monthly Forecasts, Roy Pearson

Sales and Operations Planning Column

Forecast Accuracy Measurement
- How to Track Forecast Accuracy to Guide Forecast Process Improvement, Jim Hoover

Special Feature: Rethinking the Ways We Forecast
- Preview, Len Tashman
- A Systems Approach to Forecasting, David Orrell and Patrick McSharry
- Commentary: Why Do We Need Complexification?, Roy Batchelor
- Commentary: Are We Ready for a New Approach? Paul Goodwin and Robert Fildes
- Reply to Commentaries, David Orrell and Patrick McSharry

Forecasting Principles and Methods
- Spare Parts Forecasting: Case Study at HP, Jerry Z. Shan, Julie Ward, Shelen Jain, Jose Beltram, Feridoun Amirjalayer, and Young-Wook Kim

Software Review
- Sparklines: The Tom Thumb of Statistical Graphs, Tom Yokum

Forecaster in the Field
- Peg Young, US Bureau of Transportation Statistics

Upcoming in Foresight

Issue 13, Spring, 2009

Note from the Editor
- Spring 2009 Issue, Len Tashman

Book Review
- Future Savvy by Adam Gordon, David Orrell

Financial Forecasting Column
- Forecasting Sharp Changes, Roy Batchelor

Forecast Process Improvement
- The Impact of Sales Forecast Game Playing on Supply Chains, John Mello

Special Feature: Assessing Forecastability
- Preview, Len Tashman
- Forecastability: Insights from Physics, Graphical Decomposition, and Information Theory, Peter Catt
- Toward a More Precise Definition of Forecastability, John Boylan
- How to Assess Forecastability, Stephan Kolassa

The World of Forecasting
- Global Trends 2025: A Transformed World, Ira Sohn

Forecaster in the Field
- Rob Dhuyvetter
Issue 12, Winter, 2009

Note from the Editor
- The Winter 2009 Issue, Len Tashman

Special Feature: Forecast Process Improvement
- The Forecasting Mantra: A Holistic Approach to Forecasting and Planning, Alec Finney and Martin Joseph
- Sales Forecasting: Improving Cooperation Between the Demand People and the Supply People, Tom Wallace and Bob Stahl
- John Mello and Joseph McConnell review *Sales and Operations Planning – Best Practices: Lessons Learned from Worldwide Companies* by John Dougherty and Christopher Gray

The World of Forecasting
- Predicting Recessions: A Regression (Probit) Model Approach by Peter Sephton

Hot New Research Column
- New Evidence on the Value of Combining Forecasts by Paul Goodwin

Forecast Accuracy Measurement
- Forecasting Performance of Regression Models in the 2008 Presidential Election by Randall Jones, Jr. and Alfred G. Cuzán

Forecaster in the Field
- Carolyn Allmon

Issue 11, Fall, 2008

Note from the Editor
- The Fall 2008 Issue, Len Tashman

Book Review
- Roy Batchelor reviews *Super Crunchers* by Ian Ayres

Special Feature: Benchmarking of Forecast Accuracy
- Can We obtain Valid benchmarks from Published Surveys of Forecast Accuracy? Stephan Kolassa
- Measuring Improvement in Forecast Accuracy: A Case Study, Robert Rieg
- Commentary on Benchmarking, Teresa McCarthy, Donna Davis, Susan Golicic, and John Mentzer

Special Feature: Forecast Process Improvement
- Overcoming Challenges in Operatiional Forecasting, Ian Watson-Jones
- Commentaries on Overcoming Challenges in Operational Forecasting Projects, Patric Wader, Mark Moon

The World of Forecasting
- Regression Model Forecasts of the U.S. Presidential Election, Randall Jones and Alfred Cuzán
Software Review
• Forecast Pro Unlimited: An Off-the-Shelf Solution for Large-Volume Forecasting, Ulrich Küsters and Janko Thyson

Forecaster in the Field
• Mohsen Hamoudia

Issue 10, Summer, 2008

Note from the Editor
• Overview of the Summer 2008 Issue, Len Tashman

Book Review
• Paul Fields reviews David Orrell’s *The Future of Everything: The Science of Prediction*

Can’t-Miss Forecasts
• The Next White House
• The End of the World

Forecasting Intelligence Column
• Looking at Tomorrow Today – The What, Why, and How of *Futuring* for Forecasters, Roy Pearson

Forecasting Perspectives
• Lessons Learned – Reflections from 25 Years as a Forecasting Consultant, Antonio García-Ferrer

Forecast Model Building
• Life-Cycle Forecasting – The HP Approach to Forecasting Printer Demand, Jerry Shan, Matthew Reimann, and Fereydoon Safai

Forecaster in the Field
• Simon Clarke, Coca-Cola Enterprises Inc.

The World of Forecasting
• Forecasting the U.S. Presidential Elections – A Brief Review, Randall Jones and Alfred Cuzán

Hot New Research Column
• A Quick Tour of Tourism Forecasting, Paul Goodwin

Forecast Accuracy Measurement
• Should We Define Forecast Error as e = F – A or e = A – F? Kesten Green and Len Tashman

Issue 9, Spring, 2008

Note from the Editor
• Overview of the Spring 2008 Issue, Len Tashman

Book Review
• Roy Batchelor reviews Thomas H. Davenport and Jeanne G. Harris’s *Competing on Analytics: The New Science of Winning*

Hot New Research Column
• Predicting the Demand for New Products, Paul Goodwin

Forecast Process Improvement
• The Value of Information Sharing in the Retail Supply Chain: Two Case Studies, Tonya Boone and Ram Ganeshan

Forecasting Principles and Methods
• Innovations in Sales Forecasting for Large-Scale Retailers, Bruce Andrews, James Bennett, Lindsey Howe, Brooks Newkirk and Joseph Ogrodowczyk

Prediction Markets for Pharmaceutical Forecasting and Beyond
• Prediction Markets – A Guide to Practical Adoption in the Pharmaceutical Industry, Carol Gebert
• Prediction Markets – Defining Events and Motivating Participation, Andreas Graefe
• A Primer on Prediction Markets, Joe Miles
Software Review
• Monte Carlo Simulation/Risk Analysis on a Spreadsheet: Review of Three Software Packages, Sam Sugiyama
• Commentary, Kevin Weiner, Marketing Communications, Crystal Ball Global Business Unit
• Commentary, Randy Heffernan, Vice President, Palisade
• Commentary, Daniel Fylstra, President, Frontline Systems

The World of Forecasting
• “Been There, Done That”: Perils, Pitfalls and Promises of Long-Term Projections, Ira Sohn

Cost of Forecast Error – New Perspectives
• Key Assumptions in Calculating the Cost of Forecast Error, John Boylan
• Use of the Normal Distribution in Calculating the Cost of Forecast Error, Thomas Willemain
• Supply Risk and Costing Challenges, Michael Smith
• Lost Sales and Customer Service, Scott Roy
• Reply to Cost of Forecast Error Commentaries, Peter Catt

Forecasting Principles and Methods
• A Guide to Delphi, Gene Rowe
• Methods to Elicit Forecasts from Groups: Delphi and Prediction Markets Compared, Kesten Green, J. Scott Armstrong and Andreas Graefe

Issue 8, Fall 2007

A Note from the Editor
• New in this Issue, Len Tashman

Feature Article
• Good and Bad Judgment in Forecasting: Lessons from Four Companies, Robert Fildes and Paul Goodwin

Forecasting Principles and Methods
• A Guide to Delphi, Gene Rowe
• Methods to Elicit Forecasts from Groups: Delphi and Prediction Markets Compared, Kesten Green, J. Scott Armstrong and Andreas Graefe

Pharmaceutical Forecasting
• How to Project Patient Persistency, Ka Lok Lee, Peter Fader and Bruce Hardie

The World of Forecasting
• The Keys to the White House: Forecast for 2008, Allan Lichtman

Forecast Model Building
• Bayesian Forecasting Methods for Short Time Series, Enrique de Alba and Manuel Mendoza

Hot New Research Column
• Bill Bassin reviews Mirror, Mirror, Who’s the Best Forecaster of Them All? by Michael F. Bryan and Linsey Molloy of the Federal Reserve Bank of Cleveland

Issue 7, Summer 2007

A Note from the Editor
• New in this Issue, Len Tashman

Feature Presentation
• Assessing the Cost of Forecast Error – A Practical Example, Peter Catt

Forecast Accuracy Measurement – Two Innovations
• An Expanded Prediction-Realization Diagram for Assessing Forecast Errors, Roy Pearson
• Use Scaled Errors Instead of Percentage Errors in Forecast Evaluations, Lauge Valentin

Forecast Process Improvement – Lessons from Successful Companies
• S&OP, Forecasting, and the Knowledge-Creating Company, John Mello and Terry Esper

Forecasting Principles and Methods
• Decision-Directed Forecasting for Major Disruptions: The Impact of 9/11 on Las Vegas Gaming Revenues, Stephen Custer and Don Miller
• How to Get Good Forecasts from Bad Data, Ellen Bonnell
Forecasting Perspectives
• The Forecaster as leader of the Forecasting Process, James Borneman
• Forecasting Software: A Progress Report for the First Seven Years of the 21st Century, Jim Hoover

Book Review
• Carolyn Allmon reviews Flowcasting the Retail Supply Chain by André Martin, Mike Doherty and Jeff Harrop

Hot New Research Column
• Supermarket Forecasting – Check Out Three New Approaches, Paul Goodwin

Issue 6, Spring 2007
Forecasting Perspectives
• Confessions of a Pragmatic Forecaster, Chris Chatfield

Forecast Model Building – the Practical Issues: Modeling Seasonality in Short Time Series
• Minimum Sample Size Requirements For Seasonal Forecasting Models, Rob Hyndman and Andrey Kostenko
• Forecasting Short Seasonal Time Series Using Aggregate and Analogous Series, Michael Leonard
• Seasonality: Shrinkage Procedures For Small Samples, Dan Williams
• Constant vs. Changing Seasonality, Philip Hans Franses

Hot New Research Column
• Recent Studies on Forecasting Know-How, Training and Information Sharing, Paul Goodwin

Forecasting Principles and Methods
• Forecast Uncertainty and Monte Carlo Simulation, Sam Sugiyama

Book Review
• Steven Schnaars reviews New Product Forecasting: An Applied Approach by Kenneth Kahn

Forecast Accuracy Measurement
• Advantages of the MAD/MEAN Ratio Over the MAPE, Stephan Kolassa and Wolfgang Schütz

The World of Forecasting
• The Pollyprize, Alfred Cuzán
• Forecasting the 2006 Democratic Party Takeover of the U.S. House of Representatives, Carl Klarner and Stan Buchanan

Issue 5, Fall 2006
Special Feature: Should the Forecasting Process Eliminate Face-to-Face Meetings?
• How to Make Better Forecasts and Decisions: Avoid Face-to-Face Meetings, J. Scott Armstrong
• Commentary: Forecasting Meetings Are Really Not About Forecasting, Marcus O’Connor
• Commentary: A Depersonalized Interactive Process Is the Key, Joe Smith
• Commentary: Business Objectives, Forecasters and Meetings, Jamilya Kasymova and Catalin Vieru
• Reply to Commentaries: How Practitioners Can Use Evidence-Based Findings, J. Scott Armstrong

Forecast Model Building – The Practical Issues
• To Include or Exclude an Explanatory Variable: Beware of Rules of Thumb, Peter Kennedy
• Commentary: Testing Multiple Periods Ahead May Be the Real Need, Roy Pearson
• Reply to Peter Kennedy, William Bassin

Forecast Process Improvement – Lessons From Successful Companies
• Managing Functional Biases in Organizational Forecasts, Rogelio Oliva and Noel Watson

The World of Forecasting
• How to Predict a Movie’s Success at the Box Office, Ramesh Sharda and Dursun Delen
• A Retrospective on Forecasting Midterm Elections to the U.S. House of Representatives, Randall Jones and Alfred Cuzán
Software Review: Forecasting with SAP
• Introduction, Ulrich Küsters
• The New SAP Forecasting and Replenishment Solution: Is It an Improvement over mySAP ERP?, Norman Götz and Carsten Köhler
• Forecasting for Worldwide Supply Chain Processes with SAP’s APO, Christoph Seeger

Issue 4, June 2006
Special Feature: Forecasting for Call Centers
• Nano Forecasting: Forecasting Techniques for Short-Term Intervals, Jay Minnucci
• Forecasting Call Flow in a Direct Marketing Environment, Peter Varisco
• Forecasting Weekly Effects of Recurring Irregular Occurrences, Dan Rickwalder
• Commentary on Call Center Forecasting, Tim Montgomery
Forecast Process Improvement – Lessons From Successful Companies
• Breaking Down Barriers to Forecast Process Improvement, Mark Moon

Special Feature: Forecast-Accuracy Metrics for Inventory Control and Intermittent Demand
• Measuring Forecast Accuracy: Omissions in Today’s Forecasting Engines and Demand-Planning Software, Jim Hoover
• Forecast-Accuracy Metrics for Intermittent Demands: Look at the Entire Distribution of Demand, Tom Willemain
• Accuracy and Accuracy-Implication Metrics for Intermittent Demand, John Boylan and Aris Syntetos
• Another Look at Forecast-Accuracy Metrics for Intermittent Demand, Rob J. Hyndman
Forecasting Principles And Methods
• Tips for Forecasting Semi-New Products, Bill Tonetti
• Lessons From Thomas Edison’s Technological and Social Forecasts, Steven Schnaars

Book Review
• Anirvan Banerji reviews Fooled by Randomness: The Hidden Role of Chance in Life and in the Markets by Nassim Nicholas Taleb

Issue 3, February 2006
Special Feature: The Keys to the White House: Forecast for 2008, Alan J. Lichtman
• Index Methods for Forecasting: An Application to the American Presidential Elections, J. Scott Armstrong and Alfred Cuzán

Improving The Forecasting Process: Two Case Studies
• Measuring the Efficiency of an Informal Forecasting Process, Robert W. Samohyl
• Forecasting as a Business Process, Mario Sepulveda-Guzman, Michael E. Smith and George M. Mechling
• Commentary: Putting Forecast Accuracy Into Perspective, Kenneth B. Kahn

Forecasting Principles and Methods
• Increasing the Credibility of Your Forecasts: 7 Suggestions, Roy L. Pearson
• Credit Scoring: The State of the Art, Lyn C. Thomas

Software: Spotlight on Excel For Data Analysis and Forecasting
• On the Use and Abuse of Microsoft Excel, Paul J. Fields
• The Unreliability of Excel’s Statistical Procedures, Bruce McCullough
• Incorrect Nonlinear Trend Curves in Excel, Rick Hesse

Book Review
• Roy Batchelor reviews Dow 36,000: The New Strategy for Profiting from the Coming Rise in the Stock Market by James Glassman and Kevin Hasset
Issue 2, October 2005

Special Feature: The Organizational Politics of Forecasting
• Six Steps to Overcome Bias, Elaine Deschamps
• The Impact of Corporate Culture on Sales Forecasting, John E. Mello
• How to Assess the Effect of Organizational Politics on the Efficiency of the Forecasting Process, Michael Gilliland
• Commentary on the Organizational Politics of Forecasting, Donald Tynes

Forecasting Faqs
• The War in Iraq: Should We Have Expected Better Forecasts?, Kesten Green and J. Scott Armstrong

Forecasting Processes – Lessons From Successful Companies
• Commentary on the Organizational Politics of Forecasting, Emmet Jones
• Managerial Judgment: Best as an Input to the Statistical Forecasting Process, Rob Dhuyvetter
• My Life as Soothsayer: 25 Years of Forecasting at British Telecom, C. Mason

Forecasting Principles and Methods
• To Include or Not to Include an Explanatory Variable: That is the Question, William Bassin
• A Primer on Forecasting with Neural Networks, Roy Batchelor

Books and Software
• Filling a Gap in the Demand Planning Spectrum: Jim Hoover reviews Demands Works Express 3.5
• Paul Goodwin reviews Collaborative Planning, Forecasting and Replenishment: How to Create a Supply Chain Advantage by Dirk Seifer

Issue 1, June 2005

Special Feature: When and How to Judgmentally Adjust Statistical Forecasts, Nada Sanders
• How to Integrate Management Judgment with Statistical Forecasts, Paul Goodwin
• Judgmental Adjustment: A Challenge for Providers and Users of Forecasts, Dilek Önkal and M. Sinan Gönül
• Relative Merits of Different Ways of Combining Judgment With Statistical Forecasts, Nigel Harvey
• Commentary on the Judgmental Adjustment of Statistical Forecasts, Anthony Lee
• Commentary on the Integration of Sales and Product-Management Input with Statistical Forecasts, Lucy Kjolso

Forecasting Processes – Lessons From Successful Companies
• The Sales Forecasting Evolution at Brooks Sports, Thomas Ross

Forecasting Principles and Methods
• The Forecasting Canon: Nine Generalizations to Improve Forecast Accuracy, J. Scott Armstrong
• Intermittent and Lumpy Demand: A Forecasting Challenge, John Boylan
• Case Study: Integrating Consumer Demand to Improve Shipments Forecasts, Charles Chase

Books and Software
• How to Evaluate the Forecasting Ability of Demand-Planning Software, Jim Hoover
• Nada Sanders reviews Demand Management Best Practices by Colleen Crum and George Palmatier

Recognition For Forecasting Accuracy: Politicalforecasting.com
• How We Computed the Pollyvote, Alfred Cuzán, J. Scott Armstrong, and Randall Jones, Jr.

Frequently Asked Questions on Forecasting
• What Forecasting Can Do For You, Kesten Green