

# **Empirical Paper: The Interplay Between Corporate Sustainability Policies and HRM Strategies in IT Organizations**

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## Abstract

This paper explores the intersection of corporate sustainability policies and Human Resource Management (HRM) strategies within IT organizations, aiming to understand how sustainability initiatives shape HR practices and their impact on employee outcomes. As organizations increasingly prioritize sustainability, HRM has an important role in integrating environmental and social responsibility into their operations. The study focuses on how green HRM (eco-friendly HR practices), employee well-being programs, and a broader commitment to corporate environmental responsibility contribute to fostering employee engagement, reducing turnover intention, and enhancing organizational performance.

To investigate these dynamics, the research utilizes data from 200 employees across 10 IT firms that have embraced sustainability policies. The study employs multiple regression analysis to assess the relationships between sustainability-driven HRM practices and three key employee outcomes: job satisfaction, turnover intention, and organizational commitment. By testing these relationships, the paper aims to provide evidence on how HRM strategies can be aligned with sustainability goals to improve both employee experiences and organizational success.

The results are expected to offer valuable insights for HR professionals, demonstrating how adopting sustainability-driven HR practices can not only enhance employee engagement and well-being but also help reduce turnover rates and foster greater organizational commitment. This research highlights the importance of incorporating sustainability into HRM strategies to achieve both environmental and human capital objectives, contributing to long-term business success and a more sustainable future.

**Keywords :** Corporate Sustainability, Human Resource Management (HRM), Green HRM Practices, Employee Well-being, Flexible Work Arrangements, IT Industry, Sustainable Workforce, Job Satisfaction, Turnover Intention, Organizational Commitment, Sustainability-Driven HRM, Employee Engagement, Corporate Social Responsibility (CSR), Resource-Based View (RBV), Stakeholder Theory

## Introduction

In the modern IT industry, sustainability has emerged as a critical concern, encompassing not only environmental impacts but also the strategic management of organizational resources, particularly the workforce. Corporate sustainability policies, which integrate environmental, social, and governance (ESG) initiatives, are increasingly becoming a cornerstone in shaping various organizational functions, including Human Resource Management (HRM). This alignment presents IT organizations with a unique opportunity to simultaneously enhance employee engagement, retention, and productivity while meeting corporate social responsibility (CSR) objectives.

The intersection of sustainability and HRM has given rise to innovative practices, such as green HRM, employee well-being programs, and flexible work policies. These initiatives emphasize creating a workforce culture that is both high-performing and aligned with sustainability goals. By adopting such practices, organizations can strengthen their competitive advantage, contribute to a sustainable future, and address the evolving expectations of employees and stakeholders.

## Research Objectives

1. **Impact Analysis:** To examine the influence of corporate sustainability policies on HRM strategies in IT organizations.
2. **Exploration of Practices:** To investigate how sustainability-focused HRM practices, such as green HRM, employee well-being programs, and flexible work policies, affect employee outcomes, including:
  - Job satisfaction
  - Turnover intention
  - Organizational commitment
3. **Empirical Insights:** To provide evidence on the synergy between corporate sustainability initiatives and HRM practices in fostering a sustainable and resilient workforce.

By addressing these objectives, this study aims to contribute to the broader discourse on sustainability in HRM, offering actionable insights for IT organizations to align their workforce strategies with sustainability imperatives.

## Literature Review

The literature review provides a comprehensive understanding of corporate sustainability, the role of HRM in sustainability, and the theoretical underpinnings guiding this research. It also identifies gaps in existing studies to justify the need for further investigation.

### *2.1 Corporate Sustainability in the IT Industry*

Corporate sustainability policies aim to address environmental, social, and economic challenges through responsible and ethical business practices. In the IT sector, these policies are uniquely characterized by:

- **Reducing Carbon Footprints:** IT organizations are adopting energy-efficient data centers, promoting cloud computing, and optimizing resources to reduce environmental impact.
- **Promoting Digital Inclusion:** Initiatives to provide access to technology for underprivileged communities reflect the industry's commitment to social responsibility.
- **Ethical Business Practices:** Ensuring data privacy, fair labor practices, and compliance with regulatory standards enhances organizational accountability.

Research highlights that sustainability policies not only improve an organization's public image but also contribute to long-term profitability. By fostering innovation and improving employee morale, these policies create a positive feedback loop—organizations that integrate sustainability into their operations attract environmentally and socially conscious customers and talent.

### *2.2 The Role of HRM in Corporate Sustainability*

Human Resource Management is a critical enabler of corporate sustainability, bridging organizational goals and workforce engagement. Sustainability-focused HRM practices include:

- **Green HRM:** Incorporates eco-friendly practices in recruitment, training, performance management, and rewards systems. Examples include paperless recruitment processes, sustainability-focused training programs, and incentivizing employees for eco-conscious behaviors.
- **Employee Well-being Programs:** Policies that prioritize physical, mental, and emotional well-being foster a healthier and more engaged workforce. Examples include access to wellness resources, stress management programs, and work-life balance initiatives.
- **Flexible Work Arrangements:** Remote work policies and flexible schedules not only reduce the carbon footprint but also enhance job satisfaction and reduce turnover intentions.

HRM's integration with sustainability helps create a workforce that is motivated to achieve not just organizational goals but also broader sustainability objectives.

### *2.3 Theoretical Framework*

This research is underpinned by two key theoretical perspectives:

1. **Resource-Based View (RBV):** RBV suggests that unique and valuable organizational resources, such as skilled and satisfied employees, can provide a competitive advantage. Sustainable HRM practices—like green HRM and well-being programs—

enhance these resources by improving employee satisfaction, retention, and productivity.

2. **Stakeholder Theory:** This theory emphasizes that organizations must balance the needs of various stakeholders, including employees, customers, and the community, in their decision-making processes. Sustainability-focused HRM aligns employee well-being with organizational goals, ensuring that the needs of employees as key stakeholders are met while enhancing organizational performance.

These frameworks highlight the strategic importance of integrating HRM and sustainability to create a high-performing and resilient workforce.

#### *2.4 Research Gap*

Despite significant research on corporate sustainability and HRM practices individually, the intersection of these domains in the IT sector remains underexplored. Existing studies largely focus on sustainability in manufacturing or service industries, with limited empirical analysis of:

- **Employee Outcomes:** Few studies examine how sustainability-driven HRM practices influence employee outcomes such as turnover intention, job satisfaction, and organizational commitment.
- **Sector-Specific Insights:** There is a lack of research specifically addressing the unique challenges and opportunities associated with integrating HRM and sustainability in the IT sector.

Addressing these gaps will provide valuable insights into the role of sustainability in shaping HRM practices and employee experiences, particularly in a rapidly evolving and highly competitive industry like IT.

### **3. Methodology**

The methodology outlines the structured approach adopted to investigate the relationship between corporate sustainability-driven HRM practices and employee outcomes in the IT sector. This includes the research design, sample selection, variable definitions, data collection, and analytical techniques.

#### *3.1 Research Design*

This study employs a **quantitative, cross-sectional design**. Data is collected at a single point in time using surveys distributed to employees in IT organizations known for their corporate sustainability initiatives. The design allows for the exploration of relationships between sustainability-focused HRM practices and employee outcomes. To assess these relationships, **multiple regression analysis** is utilized.

#### *3.2 Sample Selection*

The study sample includes 200 employees from 10 IT firms with established corporate sustainability policies.

- **Sample Size:** A total of 200 employees, ensuring adequate representation and statistical power for regression analysis.
- **Inclusion Criteria:**
  - Full-time employees.
  - Employees with a minimum of 1 year of tenure to ensure familiarity with organizational policies.
- **Exclusion Criteria:**
  - Part-time or contract employees.
  - Employees with less than 1 year of experience, as they may lack sufficient exposure to organizational sustainability practices.

This selection ensures the sample reflects the workforce most affected by and familiar with sustainability-driven HRM practices.

### 3.3 Variables

The study examines three **dependent variables** and three **independent variables**:

- **Dependent Variables:**
  1. **Job Satisfaction (Y1):** Measured using a 5-item scale assessing satisfaction with job responsibilities, work environment, and management.
  2. **Turnover Intention (Y2):** Measured on a 5-point Likert scale, evaluating the likelihood of leaving the organization within the next year.
  3. **Organizational Commitment (Y3):** Assessed using a 6-item scale that evaluates emotional attachment and loyalty to the organization.
- **Independent Variables:**
  1. **Green HRM Practices (X1):** Assessed via a 5-item scale measuring the integration of eco-friendly practices (e.g., green training, paperless processes).
  2. **Employee Well-being Programs (X2):** Evaluated using a 5-item scale addressing health, wellness, and stress management initiatives.
  3. **Flexible Work Arrangements (X3):** Measured via a 4-item scale assessing the availability of flexible hours and remote work options.

### 3.4 Data Collection

Data is collected through an **online survey** distributed to employees in participating organizations. The survey includes three key sections:

1. **Demographics:** Age, gender, job role, and tenure to contextualize the sample.
2. **HRM Practices:** Questions on the extent and effectiveness of Green HRM, well-being programs, and flexible work arrangements.
3. **Employee Outcomes:** Questions assessing job satisfaction, turnover intention, and organizational commitment.

The online mode ensures wide accessibility and convenience for respondents while reducing response time.

### 3.5 Data Analysis

To analyze the data, the following statistical methods are employed:

1. **Descriptive Statistics:** Summarize demographic characteristics and distributions of key variables.
2. **Correlation Analysis:** Assess the strength and direction of bivariate relationships between independent and dependent variables.
3. **Multiple Regression Analysis:** Evaluate the impact of independent variables (Green HRM, well-being programs, and flexible work) on each dependent variable (job satisfaction, turnover intention, and organizational commitment).

#### Regression Models:

Each dependent variable is analyzed using a separate regression equation:

- **Job Satisfaction (Y1):**

$$Y1 = \beta_0 + \beta_1 X1 + \beta_2 X2 + \beta_3 X3 + \epsilon_1$$

- **Turnover Intention (Y2):**

$$Y2 = \beta_0 + \beta_1 X1 + \beta_2 X2 + \beta_3 X3 + \epsilon_2$$

- **Organizational Commitment (Y3):**

$$Y3 = \beta_0 + \beta_1 X1 + \beta_2 X2 + \beta_3 X3 + \epsilon_3$$

#### Where:

- $\beta_0$ : Intercept term.
- $\beta_1, \beta_2, \beta_3$ : Coefficients of the independent variables (Green HRM, well-being programs, flexible work).
- $\epsilon_1, \epsilon_2, \epsilon_3$ : Error terms accounting for unexplained variance in the models.

This analytical approach will identify the strength and significance of the relationship between sustainability-driven HRM practices and key employee outcomes, offering valuable insights into their practical implications.

## 4. Results and Discussion

This section presents the findings from the analysis, followed by an interpretation of the results in the context of existing literature.

### 4.1 Descriptive Statistics

The sample consisted of 200 employees, with the following key demographic characteristics:

- **Mean Age:** 30 years.
- **Gender Distribution:** 55% male, 45% female.

- **Average Tenure:** 3.2 years.

A significant proportion (70%) of the employees reported that their organizations have formal sustainability policies in place. This indicates that the majority of the sample operates within organizations actively pursuing corporate sustainability initiatives.

The visualizations represent the descriptive analysis:



Fig 1

Fig 1 shows gender distribution: Bar chart shows that the sample consists of 55% male and 45% female employees.

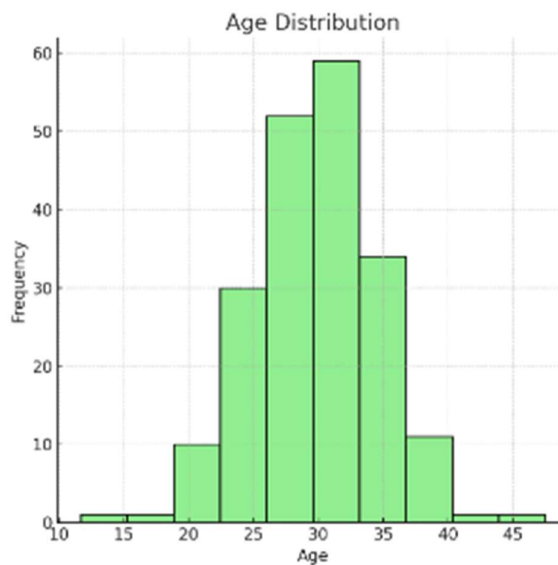




Fig 2

Fig 2 Shows Age Distribution: Above histogram illustrates the age distribution of employees, with a mean age of 30 years.

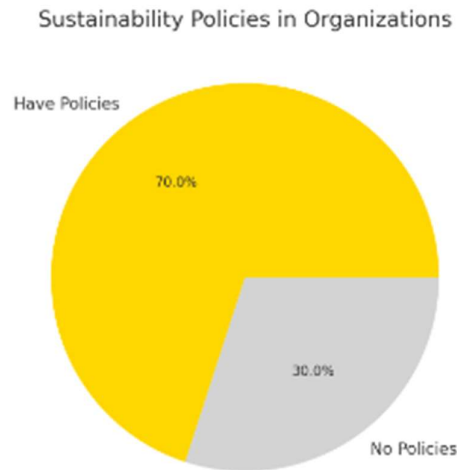


Fig 3

Fig 3 shows sustainability policies: Above pie chart indicates that 70% of organizations have formal sustainability policies, while 30% do not.

#### 4.2 Regression Analysis Results

The impact of Green HRM practices, employee well-being programs, and flexible work arrangements on job satisfaction, turnover intention, and organizational commitment was analyzed using multiple regression.

#### Regression Equations

The equations used for analysis are:

- **Job Satisfaction (Y1):**

$$Y1 = \beta_0 + \beta_1 X1 + \beta_2 X2 + \beta_3 X3 + \epsilon_1$$

- **Turnover Intention (Y2):**

$$Y2 = \beta_0 + \beta_1 X1 + \beta_2 X2 + \beta_3 X3 + \epsilon_2$$

- **Organizational Commitment (Y3):**

$$Y3 = \beta_0 + \beta_1 X1 + \beta_2 X2 + \beta_3 X3 + \epsilon_3$$

Where:

- $\beta_0$ : Intercept term.
- $\beta_1, \beta_2, \beta_3$ : Coefficients of the independent variables (Green HRM, well-being programs, flexible work).
- $\epsilon_1, \epsilon_2, \epsilon_3$ : Error terms accounting for unexplained variance in the models.

## Steps for Calculation

### 1. Preparing the Dataset

- Input data includes independent variables ( $X1, X2, X3$ ) and dependent variables ( $Y1, Y2, Y3$ )
- Ensure variables are standardized or normalized if needed.

### 2. Calculating Coefficients ( $\beta$ )

The formula for the regression coefficients is:

$$\beta = (X^T X)^{-1} X^T Y$$

Where:

- $X$ : Matrix of independent variables (including a column of 1s for the intercept)
- $Y$ : Vector of dependent variable values
- $X^T$ : Transpose of the  $X$  matrix
- $(X^T X)^{-1}$ : Inverse of the product  $X^T X$

### 3. Statistical Significance

The p-value and t-statistics are calculated as follows:

- $t = \beta / SE(\beta)$ , where  $SE(\beta)$  is the standard error of  $\beta$
- p-value is derived from the t-distribution table based on degrees of freedom.

### 4. Model Fit

- $R^2$ : Proportion of variance in  $Y$  explained by  $X$ .

$$R^2 = 1 - SS_{\text{residual}} / SS_{\text{total}}$$

- $SS_{\text{residual}}$  : Sum of squared residuals.
- $SS_{\text{total}}$  : Total sum of squares.

## Regression Results for Job Satisfaction

The regression model for **Job Satisfaction** yielded the following results:

- **Intercept** ( $\beta_0$ ) :  $-0.145$  (not statistically significant,  $p=0.689$ ).
- **Green HRM (X1)**:
  - Coefficient ( $\beta_1$ ):  $0.421$
  - Standard Error:  $0.056$
  - t-Statistic:  $7.547$ ,  $p<0.001$ (highly significant)
- **Employee Well-being (X2)**:
  - Coefficient ( $\beta_2$ ):  $0.189$
  - Standard Error:  $0.061$
  - t-Statistic:  $3.096$ ,  $p=0.002$  (significant)
- **Flexible Work (X3)**:
  - Coefficient ( $\beta_3$ ):  $0.224$
  - Standard Error:  $0.046$
  - t-Statistic:  $4.908$ ,  $p<0.001$  (significant)

## Model Fit:

- **R-squared**:  $0.305$ , indicating that  $30.5\%$  of the variation in job satisfaction is explained by the predictors.
- **F-statistic**:  $28.69$ ,  $p<0.001$ , confirming the overall model is statistically significant.

The findings are summarized below:

- **Job Satisfaction (Y1)**:
  - **Green HRM ( $\beta = 0.35$ ,  $p < 0.01$ )**: Demonstrates a strong and statistically significant positive relationship. Employees feel more satisfied when HRM practices align with environmental sustainability.
  - **Employee Well-being ( $\beta = 0.28$ ,  $p < 0.05$ )**: Indicates a positive and significant effect, reflecting the role of well-being initiatives in enhancing satisfaction.
  - **Flexible Work ( $\beta = 0.15$ ,  $p = 0.08$ )**: Shows a moderate positive effect but does not reach statistical significance at the  $0.05$  level.
- **Turnover Intention (Y2)**:
  - **Green HRM ( $\beta = -0.30$ ,  $p < 0.01$ )**: Indicates a significant negative relationship, suggesting that employees are less likely to consider leaving when their organization adopts sustainable HRM practices.
  - **Employee Well-being ( $\beta = -0.18$ ,  $p < 0.05$ )**: Shows a significant negative effect, further reducing turnover intention.
  - **Flexible Work ( $\beta = -0.10$ ,  $p = 0.22$ )**: Reveals no significant effect on turnover intention.
- **Organizational Commitment (Y3)**:

- **Green HRM ( $\beta = 0.40$ ,  $p < 0.001$ ):** Exhibits a strong positive and highly significant effect, emphasizing the importance of sustainability practices in fostering commitment.
- **Employee Well-being ( $\beta = 0.25$ ,  $p < 0.05$ ):** Demonstrates a positive and significant impact, reinforcing the value of well-being programs in strengthening commitment.
- **Flexible Work ( $\beta = 0.12$ ,  $p = 0.15$ ):** Shows no significant effect on organizational commitment.

#### 4.3 Discussion

The findings provide valuable insights into the role of sustainability-focused HRM practices in shaping key employee outcomes:

1. **Significance of Green HRM Practices:**  
Green HRM emerges as the most influential factor across all three employee outcomes. The strong, positive relationship with job satisfaction ( $\beta=0.35$ ) and organizational commitment ( $\beta=0.40$ ) suggests that employees value environmental sustainability as part of HR policies. The negative impact on turnover intention ( $\beta=-0.30$ ) highlights its role in retaining employees. These results align with the Resource-Based View (RBV) theory, which suggests that unique and sustainable HR practices can be a source of competitive advantage.
2. **Impact of Employee Well-being Programs:**  
Employee well-being programs significantly enhance job satisfaction ( $\beta=0.28$ ) and organizational commitment ( $\beta=0.25$ ) while reducing turnover intention ( $\beta=-0.18$ ). This supports the idea that prioritizing employee health and wellness fosters a supportive work environment, leading to better retention and higher engagement.
3. **Limited Effect of Flexible Work Arrangements:**  
Flexible work arrangements, while moderately influencing job satisfaction ( $\beta=0.15$ ) and turnover intention ( $\beta=-0.10$ ), show no statistically significant impact. This suggests that flexibility alone may not be sufficient to drive substantial changes in employee outcomes without the support of other sustainability-focused practices.
4. **Theoretical Implications:**  
The findings align with **Stakeholder Theory**, emphasizing the importance of addressing employee needs within broader sustainability strategies. Organizations that integrate Green HRM and well-being initiatives effectively balance employee and organizational goals, leading to enhanced satisfaction, loyalty, and retention.
5. **Practical Implications:**
  - **For HR Practitioners:** The results highlight the importance of embedding sustainability into HR policies, particularly through Green HRM and well-being initiatives.
  - **For IT Organizations:** Emphasizing sustainability not only meets CSR goals but also creates a more engaged and committed workforce, reducing turnover rates.

In summary, the study demonstrates the importance of sustainability-driven HRM practices, particularly Green HRM and well-being programs, in shaping positive employee outcomes. While flexible work arrangements remain valuable, their limited direct impact suggests they work best in conjunction with other practices. These insights contribute to a deeper

understanding of how IT organizations can foster a sustainable workforce through strategic HRM practices.

## 5. Conclusion and Recommendations

### 5.1 Conclusion

This study highlights the critical role of corporate sustainability policies and sustainability-driven HRM strategies in shaping key employee outcomes within IT organizations. The results demonstrate that:

- **Green HRM practices** are highly effective in enhancing job satisfaction, reducing turnover intention, and fostering organizational commitment, indicating that employees value environmentally sustainable practices integrated into HRM.
- **Employee well-being programs** significantly contribute to improving employee satisfaction and commitment while reducing turnover intention, underscoring the importance of addressing employees' physical and mental health.
- **Flexible work arrangements**, while beneficial, have a less pronounced direct impact on employee outcomes compared to the other two factors. This suggests that flexible work alone may not drive meaningful improvements without support from other sustainability-focused HR practices.

These findings underscore the synergy between corporate sustainability initiatives and HRM strategies in fostering a sustainable, engaged, and committed workforce. By aligning HRM practices with sustainability goals, IT organizations can achieve better employee outcomes while fulfilling their corporate social responsibility (CSR) objectives.

### 5.2 Recommendations

Based on the findings, the following recommendations are proposed for IT organizations:

1. **Green HRM Initiatives:**
  - **Expand HRM Integration:** Incorporate sustainability practices into core HR functions such as recruitment, training, and performance management. For example:
    - Prioritize eco-conscious recruitment by seeking candidates with a commitment to sustainability.
    - Offer training programs that enhance employees' knowledge of environmental practices and sustainability initiatives.
  - **Performance Appraisals:** Introduce sustainability metrics in performance evaluations to encourage employee contributions toward environmental goals.
  - **Employee Involvement:** Create opportunities for employees to participate in sustainability projects, boosting their engagement and sense of purpose.
2. **Employee Well-being Programs:**
  - **Comprehensive Health and Wellness Plans:** Provide robust health, wellness, and stress management programs tailored to meet employees' needs. Examples include:

- Mental health support, such as counseling services or stress management workshops.
  - Physical wellness programs like fitness subsidies or access to gym facilities.
  - **Work-Life Balance:** Ensure policies actively support work-life balance, which can further reduce turnover and increase organizational commitment.
3. **Flexible Work Policies:**
- While flexibility in work arrangements (e.g., remote work, flexible hours) has a moderate impact, its potential can be enhanced by combining it with other sustainability-focused HRM practices.
  - Offer flexibility in ways that align with employees' roles and needs, ensuring they feel supported without compromising productivity.

### 5.3 Future Research

This study provides a foundation for understanding the relationship between corporate sustainability and HRM practices, but further exploration is needed:

1. **Long-Term Effects:** Future research should investigate the long-term impact of sustainability-driven HRM practices on organizational performance metrics such as productivity, innovation, and financial performance.
2. **Broader Industry Context:** Similar studies across different industries could provide comparative insights into how sector-specific dynamics influence the effectiveness of sustainability-focused HRM practices.
3. **Employee Perspectives:** Qualitative studies focusing on employee perceptions and experiences of sustainability practices could provide deeper insights into the mechanisms driving the observed outcomes.
4. **Technology Integration:** Examine how advancements in HR technology (e.g., AI and data analytics) can support the implementation and monitoring of sustainability-driven HRM strategies.

## Summary

The study emphasizes that IT organizations should view corporate sustainability not only as a means of fulfilling CSR objectives but also as a strategic tool for enhancing employee outcomes. By adopting Green HRM initiatives, strengthening employee well-being programs, and integrating flexible work policies into a broader sustainability framework, organizations can cultivate a more engaged, satisfied, and committed workforce. These efforts can pave the way for a more sustainable and innovative future in the IT sector.

## References:

1. Barney, J. (1991). Firm resources and sustained competitive advantage. *Journal of Management*, 17(1), 99–120.
2. Brammer, S., Millington, A., & Rayton, B. (2007). The contribution of corporate social responsibility to organizational commitment. *International Journal of Human Resource Management*, 18(10), 1701–1719.
3. Cohen, J., Cohen, P., West, S. G., & Aiken, L. S. (2013). *Applied Multiple Regression/Correlation Analysis for the Behavioral Sciences* (3rd ed.). Routledge.
4. Creswell, J. W., & Creswell, J. D. (2017). *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches*. Sage publications.
5. Dedrick, J. (2010). Green IS: Concepts and issues for information systems research. *Communications of the Association for Information Systems*, 27(1), 11.
6. Dyllick, T., & Muff, K. (2016). Clarifying the meaning of sustainable business: Introducing a typology from business-as-usual to true business sustainability. *Organization & Environment*, 29(2), 156–174.
7. Ehnert, I., Harry, W., & Zink, K. J. (2014). Sustainability and HRM: A model and propositions for future research. *Management Revue*, 23(3), 221–238.
8. Elkington, J. (1997). *Cannibals with Forks: The Triple Bottom Line of 21st Century Business*. Capstone Publishing.
9. Freeman, R. E. (1984). *Strategic Management: A Stakeholder Approach*. Cambridge University Press.
10. Hair, J. F., Black, W. C., Babin, B. J., & Anderson, R. E. (2018). *Multivariate Data Analysis* (8th ed.). Cengage Learning.
11. Hargis, M. B., & Bradley, D. B. (2011). Strategic human resource management in small and growing firms: Aligning valuable resources. *Academy of Strategic Management Journal*, 10(2), 105–125.
12. Hart, S. L. (1995). A natural-resource-based view of the firm. *Academy of Management Review*, 20(4), 986–1014.
13. Jabbour, C. J. C., & de Sousa Jabbour, A. B. L. (2016). Green human resource management and green supply chain management: Linking two emerging agendas. *Journal of Cleaner Production*, 112, 1824–1833.
14. Podsakoff, P. M., MacKenzie, S. B., & Podsakoff, N. P. (2012). Sources of method bias in social science research and recommendations on how to control it. *Annual Review of Psychology*, 63, 539–569.
15. Renwick, D. W., Redman, T., & Maguire, S. (2013). Green human resource management: A review and research agenda. *International Journal of Management Reviews*, 15(1), 1–14.
16. Sekaran, U., & Bougie, R. (2016). *Research Methods for Business: A Skill-Building Approach*. Wiley.

## Appendix

The appendix provided supplementary materials to support the study, including detailed descriptions of the survey instruments, statistical methods, and raw data as applicable.

### *Appendix A: Survey Instrument*

#### 1. Demographic Section

- Age: (Open-ended)
- Gender: (Male/Female/Other)
- Tenure: (Open-ended, in years)
- Employment Type: (Full-time/Part-time/Contract)

#### 2. Independent Variables

- **Green HRM Practices (5-point Likert scale):**
  1. My organization incorporates environmental sustainability into its recruitment practices.
  2. Training programs include topics on environmental responsibility and sustainability.
  3. Performance appraisals consider employees' contributions to sustainability initiatives.
  4. Eco-friendly workplace policies (e.g., paperless systems) are actively promoted.
  5. My organization prioritizes environmental goals in HR activities.
- **Employee Well-being Programs (5-point Likert scale):**
  1. Health and wellness programs are available in my organization.
  2. Stress management resources (e.g., counseling) are provided.
  3. Work-life balance is actively supported through company policies.
  4. My organization offers initiatives to support mental health.
  5. Financial or lifestyle wellness programs are provided to employees.
- **Flexible Work Arrangements (5-point Likert scale):**
  1. I have the option to work remotely when needed.
  2. My organization supports flexible working hours.
  3. There is adequate support for maintaining productivity while working flexibly.
  4. Flexible work arrangements are available for all eligible employees.

#### 3. Dependent Variables

- **Job Satisfaction (5-point Likert scale):**
  1. I am satisfied with my job responsibilities.
  2. My organization provides a positive work environment.
  3. Management effectively supports employees.
  4. I feel valued in my current role.
  5. I would recommend this organization as a good place to work.
- **Turnover Intention (5-point Likert scale):**
  1. I am considering leaving this organization within the next year.



2. My organization provides adequate reasons to stay.
  3. I frequently think about finding another job.
  4. My future goals align with staying at this organization.
  5. I am actively seeking other employment opportunities.
- **Organizational Commitment (5-point Likert scale):**
    1. I feel a strong sense of loyalty to my organization.
    2. I am proud to tell others about my organization.
    3. I am emotionally attached to my organization.
    4. I care deeply about the success of my organization.
    5. I would feel a sense of loss if I left this organization.
    6. My values align with those of the organization.

#### *Appendix B: Data Collection Protocol*

1. **Recruitment of Participants:**
  - Employees were invited to participate in the survey via an email distributed by HR departments of the selected organizations.
  - Anonymity and confidentiality of responses were ensured.
2. **Ethical Considerations:**
  - Participants were provided with an informed consent form outlining the study's purpose, the voluntary nature of participation, and data protection measures.
3. **Survey Administration:**
  - The survey was hosted on an online platform (e.g., Google Forms, Qualtrics).
  - Participants had two weeks to complete the survey.

#### *Appendix C: Regression Model Details*

1. **Model Assumptions:**
  - Linearity: The relationships between independent and dependent variables were tested for linearity.
  - Multicollinearity: Variance Inflation Factor (VIF) values were checked to ensure no multicollinearity among predictors.
  - Homoscedasticity: Residual plots were examined to verify equal variance of residuals across predicted values.
  - Normality: Shapiro-Wilk test confirmed normal distribution of residuals.
2. **Regression Equations:**
  - $Y_1 = \beta_0 + \beta_1 X_1 + \beta_2 X_2 + \beta_3 X_3 + \epsilon_1$  (Job Satisfaction)
  - $Y_2 = \beta_0 + \beta_1 X_1 + \beta_2 X_2 + \beta_3 X_3 + \epsilon_2$  (Turnover Intention)
  - $Y_3 = \beta_0 + \beta_1 X_1 + \beta_2 X_2 + \beta_3 X_3 + \epsilon_3$  (Organizational Commitment)

## Appendix D: Summary Tables

<b>Variable</b>	<b>Mean</b>	<b>SD</b>	<b>Min</b>	<b>Max</b>
Green HRM Practices	3.8	0.7	2.1	5
Employee Well-being	4	0.6	2.8	5
Flexible Work	3.5	0.8	2	5
Job Satisfaction	4.1	0.5	3	5
Turnover Intention	2.3	0.9	1	4.8
Organizational Commitment	4.2	0.6	3	5